

# PUBLIC HEALTH REPORTS

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## REGULATIONS

PROMULGATED BY THE SECRETARY OF THE TREASURY, UNDER WHICH STATE BOARDS OR STATE DEPARTMENTS OF HEALTH RECEIVE THE ALLOTMENT OF FUNDS PROVIDED IN SECTION 6, CHAPTER IV, OF THE ACT APPROVED JULY 9, ENTITLED "AN ACT MAKING APPROPRIATIONS FOR THE SUPPORT OF THE ARMY FOR THE FISCAL YEAR ENDING JUNE 30, 1919."

The act provides that \$1,000,000 shall be distributed to the States for the use of their respective boards or departments of health in the prevention, control, and treatment of venereal diseases, this sum to be allotted to each State, in accordance with rules and regulations prescribed by the Secretary of the Treasury, in the proportion which its population bears to the population of the continental United States, exclusive of Alaska and the Canal Zone, according to the last preceding United States census.

State boards or departments of health receiving their respective allotments shall agree to the following cooperative measures under which their appropriation shall be expended:

1. Put into operation through a legislative enactment or a State board of health regulation having the effect of law, regulations in conformity with the suggestions approved by the Surgeons General of the Army, Navy, and United States Public Health Service, for the prevention of venereal diseases. The minimum requirements of these rules are:

- (a) Venereal diseases must be reported to the local health authorities in accordance with State regulations approved by the United States Public Health Service.

- (b) Penalty to be imposed upon physicians or others required to report venereal infections for failure to do so.

- (c) Cases to be investigated, so far as practicable, to discover and control sources of infection.

- (d) The spread of venereal diseases should be declared unlawful.

- (e) Provision to be made for control of infected persons that do not cooperate in protecting others from infection.

- (f) The travel of venereally infected persons within the State to be controlled by State boards of health by definite regulations that will conform in general to the interstate regulations to be established.

- (g) Patients to be given a printed circular of instructions informing them of the necessity of measures to prevent the spread of infection and of the importance of continuing treatment.

2. An officer of the Public Health Service shall be assigned to each State receiving allotments for the general purpose of cooperating with the State health officer in supervising the venereal-control work in the State. This officer to be selected by the State health authorities and to be approved and recommended for appointment by the Surgeon General of the Public Health Service. The salary of this officer will be paid by the State out of the funds made available from the allotment, except a nominal sum of \$10 per month, which will be paid by the United States Public Health Service. In those States where a bureau of venereal diseases has already been established, with a full-time medical officer in charge, the present incumbent may be recommended for appointment by the State health officer, and, with the approval of the Surgeon General, United States Public Health Service, he will be appointed as an officer of the Public Health Service. The general plan of work for the State bureau of venereal diseases will be:

(a) Securing reports of venereal infections from physicians and others required to report, in accordance with State laws.

(b) Suppressive measures, including the isolation and treatment in detention hospitals of infected persons who are unable or unwilling to take measures to prevent themselves becoming a menace to others, the establishment of free clinics for the treatment of venereal diseases, and the elimination of conditions favorable to the spread of venereal infections.

(c) Extension of facilities for early diagnosis and treatment through laboratory facilities for exact diagnosis and scientific determination of condition before release as noninfectious, in accordance with the standardized procedure that will be prescribed by the United States Public Health Service.

(d) Educational measures to include informing the general public, as well as infected individuals, in regard to the nature and manner of spread of venereal diseases and the measures that should be taken to combat them.

(e) Cooperation with local civil authorities in their efforts to suppress public and clandestine prostitution. The clinics referred to under (b) will form centers from which the other measures may be conducted by discovering the presence of infections, the securing of data for enforcing the regulations for reporting these diseases, and the institution of educational measures appropriate to particular communities. The immediate reduction in venereal-disease foci resulting from clinic treatment will result in a marked decrease in the prevalence of such diseases in both the military and civil population.

(f) Accurate detailed records must be kept of all the activities of the venereal-disease work. These will include careful records of each

case treated, amount of arsphenamine used, final results, and disposition made of patients. Copies of these records must be forwarded to the Surgeon General, United States Public Health Service, as a report at such intervals as they may be requested, and in accordance with instructions regarding the form of report.

3. Local funds that may be available, or that may become available from legislative appropriations or any other source for venereal-disease control, shall be used by the State or city health authorities having jurisdiction for the extension of the work, and such local funds must not be conserved through the expenditure of the funds that are allotted by the Congress through the United States Public Health Service.

4. In extension of the educational measures the State's health authorities and its bureau of venereal diseases shall exert their efforts and influence for the organization of a State venereal-disease committee that will be unofficial in character, but a valuable cooperative agency for furthering the comprehensive plan for Nation-wide venereal-disease control.

5. The State health authorities shall take such measures as may be found practicable and decided upon in conference between the Public Health Service and State board of health representatives for the purpose of securing such additional legislation as may be required for the development of control of the spread of venereal infections. Action shall be taken to limit or suppress the activities of advertising "specialists" and quacks by prosecuting them under State laws, or such other measures as may be applicable and effective.

6. In expending the sum allotted a State, the rules and regulations to be promulgated by the interdepartmental social hygiene board for the expenditure of the \$1,000,000 civilian quarantine and isolation fund under control of the Secretary of War and Secretary of the Navy shall be given consideration by Public Health Service and State board of health representatives, so that the military necessities of each particular State may receive the consideration due its relative importance, and so that funds from the two sources may be correlated.

7. The State allotment shall be expended along general standard lines for all States and in accordance with an accounting system, to be forwarded by the interdepartmental social hygiene board, approximately as follows:

(a) For treatment of infected persons in hospitals, clinics, and other institutions; including arsphenamine and other drugs, 50 per cent of the allotment.

(b) In carrying out educational measures, 20 per cent.

(c) In carrying out repressive measures, 20 per cent.

(d) In general administration and other activities of venereal disease control work; 10 per cent.

(This distribution is provisional and subject to modification after conference and agreement between each State and the United States Public Health Service to best meet the needs of the particular State.)

8. In carrying out the general Government program the administrative organization of the United States Public Health Service will be available at all times to State organizations in cooperative work, and assistance will be given to States whenever possible through the detail of employees, the securing of arsphenamine, providing literature for the educational measures and in such other ways as may be found practicable as the work develops.

W. G. McADOO,

*Secretary of the Treasury.*

WASHINGTON, D. C., *September 4, 1918.*

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## MEASURES FOR THE PREVENTION OF THE INTRODUCTION OF EPIDEMIC INFLUENZA.

On account of a reported pandemic of influenza in various European countries, officers in charge of national quarantine stations have been advised to exercise special care with respect to vessels on which this disease has appeared. The following circular has been issued:

MEDICAL OFFICERS IN CHARGE,

*United States Quarantine Stations.*

SIRS: You are especially cautioned to be on the alert in the inspection of vessels from European ports so as to detect any cases of the so-called Spanish influenza. If any such disease is discovered, vessels should not be released from quarantine until after the local health authorities have been notified in accordance with paragraph 68, United States Quarantine Regulations.

Owing to disordered conditions in European countries, the bureau has no authoritative information as to the nature of the disease or its prevalence. It appears, however, to be an infection due to the *B. influenza* with predilection to lung involvement.

If any such cases are discovered upon arrival of a vessel, they should be reported to the local health authorities and the necessary cooperation extended, including fumigation of living quarters with sulphur dioxide, letting personal effects remain in compartments during the fumigation.

This circular does not contemplate consideration of cases of ordinary pneumonia or respiratory infections, but only those infections involving a considerable number of the crew and which appear to be highly communicable and suggestive of epidemic influenza.

Respectfully,

RUPERT BLUE, *Surgeon General.*

Recently a steamship arrived at one of the southern ports from a port of Great Britain with history of an outbreak of epidemic influenza in the crew. The master of the vessel reported very shortly after his arrival at Great Britain that the entire crew had sickened with the infection, the symptoms being high fever, cough, coryza, and more or less prostration. Upon arrival of the vessel at a port of the United States two of the crew were still suffering from the

disease and were isolated in the quarantine hospital, the vessel was disinfected, and other appropriate measures were taken to prevent the introduction of the disease. The disease has been reported as being observed at quarantine in two ports on the Pacific coast. In both instances there were several cases of pneumonia, possibly due to *B. influenza* although not stated to be.

Epidemic influenza has been reported in several countries in Europe during the summer of 1918, more especially in Spain. According to press dispatches, 8,000,000 persons have suffered from the disease in that country.

Most of the cases reported to the Public Health Service have been from France, England, Norway, and Switzerland, although a mild form has been reported in Canton, China. It has appeared at Prince Edward Island, Canada, and in the Island of Guadeloupe in the West Indies, probably an extension from European ports.

In view of this pandemic prevalence of influenza, the following report on the disease, prepared by the Division of Sanitation, Bureau of Medicine and Surgery, Navy Department, is published as a matter of interest in connection with measures for the prevention of the introduction of the disease into this country:<sup>1</sup>

[Bulletin No. 37. (Division of Sanitation.)]

“DEPARTMENT OF THE NAVY,  
“BUREAU OF MEDICINE AND SURGERY,  
“Washington, D. C., August 9, 1918.

“INFLUENZA.

“Recent reports from Spain, Austria, Germany, Switzerland, France, Great Britain, Hawaii, and elsewhere indicate the presence of another pandemic of influenza similar in extent to others which have been reported since the sixteenth century. There have been four pandemics succeeded by epidemics during the last century, the last one occurring 1889-1892.

“No other communicable disease which assumes epidemic proportions spreads so rapidly or attacks indiscriminately so large a proportion of the population; therefore while the statements in the press that 8,000,000 persons have been attacked in Spain alone may be an exaggeration, it is probably nevertheless true that there has been a wide prevalence of the disease.

“Past epidemics have been characterized by a profound prostration out of all proportion to the intensity of the disease; hence it is not improbable that the disease has impaired for a time the efficiency of the enemy's army, as has been reported.

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<sup>1</sup> Published with the consent of the Division of Sanitation, Bureau of Medicine and Surgery.

"In answering the question as to the relationship of epidemic influenza to the ordinary catarrhal fever or 'grippe,' Osler quotes Leichtenstern's divisions (Nothnagel Handbuch):

"(a) Epidemic *influenza vera* caused by Pfeiffer's bacillus.

"(b) Endemic-epidemic influenza caused by the same organism which often follows a pandemic.

"(c) Endemic *influenza nostras*, pseudo-influenza, or catarrhal fever, commonly called *grippe*, which is of unknown origin and bears the relation to true influenza that cholera nostras bears to Asiatic cholera.

"The present outbreak appears to be characterized by a peculiarly sudden onset, the victim being struck down with dizziness, weakness, and pains in various parts of the body while on duty or in the street.

"There is a sharp rise in temperature to 103° or 104°, complaint of headache, pain in the back, and photophobia. The throat feels sore; there is congestion of the pharynx, and in some instances laryngitis and bronchitis. Lateral nystagmus with suffused conjunctivæ, a sign to which Maj. Morris, R. A. M. C., has drawn attention in trench fever, is not rarely found in the influenza patient.

"In many cases the fever falls in three or four days and the patient recovers rapidly; in others there is an irregular pyrexia, which may be accounted for by bronchitis; in rare cases by bronchiolitis, bronchopneumonia, or by the presence of influenza bacillus in the blood. Few fatalities have been reported so far. The usual mode of death has been acute bronchiolitis, with increasing cyanosis and terminal failure of the right heart.

"The many serious complications and sequelæ which characterized the epidemic of 1889-1892 have not been common so far here or in Great Britain. In fact, the absence of such complications has caused some skepticism as to whether the disease really is *influenza vera*. Capts. Little, Garofolo, and Williams, of the Canadian army, have reported the finding of a diplococcus, *B. influenzae* being absent. Press reports, however, indicate a severe type in Switzerland, and the Pfeiffer bacillus is being found in other localities. Fortunately the outbreaks in our Navy have all been relatively mild in character and have caused no serious damage.

"*Causative organism.*—In some cases the throat swabs show typical groups of influenza bacilli directly as well as on culture. Generally swabs taken from the pharynx show a varied bacterial flora with pneumococci and what appears to be pneumo-bacilli predominating; often no influenza bacilli are obvious. This has been the case in other epidemics. Cultures are said to indicate that the pneumo-bacilli are aberrant types of the influenza bacillus, which is very polymorphic.

"The Pfeiffer organism grows only upon media containing hæmoglobin, preferably upon agar slants smeared with blood rather than a

mixture of blood and agar. Colonies are minute dewdrop points, appearing to run into each other. The organisms are very small Gram negative bacilli which stain faintly compared with cocci and tend to bipolar staining, thus appearing as diplococci. In sputum they tend to clump. Gram's method, counter staining with formal violet, is excellent for their demonstration (Stitt).

*"Incubation.*—Osler gives the incubation period of influenza as 'from one to four days; oftenest three to four days.' 'The onset is usually abrupt, with fever and associated phenomena.'

*"During the present epidemics the period, as determined from bed to bed onset in hospitals, has been 48 hours or less.*

*"Mode of transmission.*—Despite popular opinion that 'grippe' spreads over the world in some mysteriously rapid manner, it never spreads, as Osler points out, more rapidly than methods of transportation. It is true, however, that the influenza bacillus is probably constantly present in the respiratory passages. The disease is highly communicable and during epidemics it spreads with remarkable rapidity. Just what conditions or combination of circumstances are necessary to start one of the periodic world-wide outbreaks is as unknown in this as in other communicable diseases, like plague, which are prone to become pandemic. The sources of infection are undoubtedly the secretions from the nose, throat, and lungs of cases or carriers, and the mode of transmission is by direct or indirect conveyance of those secretions by droplet infection or by means of handkerchiefs, towels, eating utensils, etc. That the disease may be controlled under suitable conditions was shown by many instances of institutional isolation in the height of the epidemics of 1889-1892.

*"Control in the Navy.*—Quarantine and isolation are impracticable on account of the wide distribution of the organism in healthy persons and the number of unrecognizable cases. Patients, however, should be put to bed at once, and bed isolation, prevention of droplet infection, and prompt disinfection of mess gear, handkerchiefs, etc., practiced as in measles. Where sick bays or wards are not available for isolation, the use of sheet screens between patients is to be recommended.

*"Treatment.*—Rest in bed, warmth, fresh air, abundant food, with Dover's powder for the relief of pain. Every case with fever should be regarded as serious and kept in bed at least until defervescence of the fever. Convalescence requires careful management to avoid serious sequelæ.

*"During the present outbreak abroad the salts of quinine and aspirin have been most generally used during the acute attack, the latter apparently with much success in the relief of symptoms.*

"Methods for the control of the disease may be summarized as follows:

"*Infectious agent.*—The *Bacillus influenzae* of Pfeiffer.

"*Sources of infection.*—The secretions from the nose, throat, and respiratory passages of cases or of carriers.

"*Incubation period.*—One to four days—generally two.

"*Mode of transmission.*—By direct contact or indirect contact through the use of handkerchiefs, common towels, cups, mess gear, or other objects contaminated with fresh secretions. Droplet infection plays an important part.

"*Period of communicability.*—As long as the person harbors the causative organism in the respiratory tract.

"*Methods of control.*—(A) The infected individual and his environment.

"*Recognition of the disease.*—By clinical manifestations and bacteriological findings.

"*Isolation.*—Bed isolation of infected individuals during the course of the disease. Screens between beds are to be recommended.

"*Immunization.*—Vaccines are used with only partial success.

"*Quarantine.*—None; impracticable.

"*Concurrent disinfection.*—The discharges from the mouth, throat, nose, and other respiratory passages.

"*Terminal disinfection.*—Thorough cleansing, airing, and sunning. The causative organism is short lived outside of the host.

"(B) *General measures.*—The attendant on the case should wear a gauze mask. During epidemics persons should avoid crowded assemblages, street cars, and the like. Education as regards the danger of promiscuous coughing and spitting. Patients, because of the tendency to the development of broncho-pneumonia, should be treated in well-ventilated, warm rooms."



# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED SEPT. 7.

#### CAMP BEAUREGARD ZONE, LA.

	Cases.
Anthrax:	
Alexandria.....	1
Chancroid:	
Alexandria.....	1
Diphtheria:	
Alexandria.....	3
Dysentery, amebic:	
Pollock.....	1
Woodworth.....	1
Gonorrhea:	
Alexandria.....	3
Malaria:	
Alexandria.....	8
McNary.....	1
Pineville.....	1
Typhoid fever:	
Alexandria.....	2
Moreland.....	1
Pineville.....	1

#### CAMP BOWIE ZONE, TEX.

Fort Worth:	
Chancroid.....	10
Gonorrhea.....	145
Syphilis.....	35
Tuberculosis.....	2
Typhoid fever.....	2

#### BREMERTON ZONE, WASH.

Diphtheria.....	1
Gonorrhea.....	1
Scarlet fever.....	1

#### CAMP DEVENS ZONE, MASS.

Measles:	
Pepperell.....	2
Whooping cough:	
Littleton.....	2

#### CAMP DIX ZONE, N. J.

Tuberculosis:	
Pemberton Township.....	5

#### CAMP DODGE ZONE, IOWA.

	Cases.
Carney:	
Typhoid fever.....	2
Des Moines:	
Diphtheria.....	2
Gonorrhea.....	1
Measles.....	1
Poliomyelitis.....	1
Scarlet fever.....	6
Smallpox.....	3
Tuberculosis.....	1
Typhoid fever.....	1

#### CAMP DONIPHAN ZONE, OKLA.

Comanche County:	
Mumps.....	1
Typhoid fever.....	1
Lawton:	
Chancroid.....	1
Gonorrhea.....	6

#### CAMP EBERTS ZONE, ARK.

Chicken pox:	
Carlisle.....	1
Gonorrhea:	
Austin.....	1
Carlisle.....	3
England.....	1
Malaria:	
Austin.....	1
Austin, route 1.....	1
Cabot.....	7
Cabot, route 2.....	2
Carlisle.....	22
Jacksonville.....	1
Keo.....	4
Kerr, route 1.....	1
Lonoke, route 1.....	1
Scotts, route 1.....	1
Ward.....	2
Mumps:	
Keo.....	1
Pellagra:	
Scotts, route 1.....	1
Scotts, route 2.....	1
Typhoid fever:	
Lonoke, route 4.....	1

## CAMP FUNSTON ZONE, KANS.

Junction City:	Cases.
Diphtheria.....	3
Gonorrhea.....	2
Tuberculosis.....	1
Manhattan:	
Gonorrhea.....	2
Mumps.....	1

## CAMP GORDON ZONE, GA.

Atlanta:	
Diphtheria.....	1
Dysentery.....	1
Gonorrhea.....	16
Malaria.....	1
Mumps.....	1
Pneumonia.....	4
Syphilis.....	20
Typhoid fever.....	3
Blandtown:	
Smallpox.....	1

## CAMP GREENE ZONE, N. C.

Charlotte Township:	
Chancroid.....	2
Diphtheria.....	1
Gonorrhea.....	22
Mumps.....	1
Scarlet fever.....	1
Syphilis.....	19
Tuberculosis.....	2
Typhoid fever.....	12
Whooping cough.....	8

## GULFPORT HEALTH DISTRICT, MISS.

Gonorrhea.....	2
Hookworm.....	7
Malaria.....	26
Mumps.....	2
Syphilis.....	2
Tuberculosis.....	2
Typhoid fever.....	4
Whooping cough.....	2

## CAMP HANCOCK ZONE, GA.

Augusta:	
Chicken pox.....	1
Gonorrhea.....	4
Malaria.....	4
Syphilis.....	6
Tuberculosis.....	6
Typhoid fever.....	4

## CAMP JACKSON ZONE, S. C.

Columbia:	
Mumps.....	1
Typhoid fever.....	1

## CAMP JOSEPH E. JOHNSTON ZONE, FLA.

Chancroid:	
Jacksonville.....	8
Diphtheria:	
Jacksonville.....	1
Dysentery:	
Grand Crossing.....	1
Gonorrhea:	
Jacksonville.....	58
Hookworm:	
Grand Crossing.....	1
Lackawanna.....	1

## CAMP JOSEPH E. JOHNSTON ZONE, FLA.—contd.

Malaria:	
Fishers Corner.....	2
Grand Park.....	2
Jacksonville.....	9
Ortega.....	2
Mumps:	
Grand Crossing.....	1
Jacksonville.....	2
Pellagra:	
Jacksonville.....	2
Panama.....	1
Scarlet fever:	
Jacksonville.....	1
Syphilis:	
Jacksonville.....	59
Trachoma:	
Lackawanna.....	1
Tuberculosis:	
Jacksonville.....	16
Typhoid fever:	
Jacksonville.....	4
Whooping cough:	
Jacksonville.....	2
Lackawanna.....	2
Woodstock.....	4

## FORT LEAVENWORTH ZONE, KANS.

Leavenworth:	
Cancer.....	1
Gonorrhea.....	13

## CAMP LEE ZONE, VA.

Petersburg:	
Gonorrhea.....	12
Malaria.....	1
Scarlet fever.....	2
Syphilis.....	9
Tuberculosis.....	2
Typhoid fever.....	1
Whooping cough.....	3

## CAMP LOGAN ZONE, TEX.

Chancroid:	
Spring.....	1
United States Government clinic.....	1
Chicken pox:	
Houston.....	1
Gonorrhea:	
Houston.....	3
United States Government clinic.....	50
Measles:	
Houston.....	2
Smallpox:	
Houston.....	2
Syphilis:	
United States Government clinic.....	11
Tuberculosis:	
Crosby.....	1
Houston.....	3
Typhoid fever:	
Houston.....	1

## CAMP M'ARTHUR ZONE, TEX.

Waco:	
Gonorrhea.....	3
Typhoid fever.....	2

## CAMP M'CLELLAN ZONE, ALA.

Chancroid:	Cases.
Anniston.....	1
Gonorrhea:	
Anniston.....	8
Syphilis:	
Anniston.....	2
Typhoid fever:	
Jacksonville.....	2
Oxford.....	1
NEW LONDON SANITARY DISTRICT, CONN.	
Gonorrhea:	
Norwich.....	4
Mumps:	
New London.....	1
Tuberculosis:	
New London.....	1
Norwich.....	1
Typhoid fever:	
Mystic.....	1
Noank.....	7

## PORT OGLETHORPE ZONE, GA. AND TENN.

Cerebrospinal meningitis:	
Chattanooga.....	1
Diphtheria:	
Chattanooga.....	1
Eastlake.....	1
St. Elmo.....	1
Gonorrhea:	
Chattanooga.....	13
Eastlake.....	2
Scarlet fever:	
Chattanooga.....	2
East Chattanooga.....	1
Highland Park.....	3
North Chattanooga.....	1
Rossville.....	1
Syphilis:	
Chattanooga.....	10
Tuberculosis:	
Chattanooga.....	1
Typhoid fever:	
Avondale.....	1
East Chattanooga.....	2

## CAMP PIKE ZONE, ARK.

Cerebrospinal meningitis:	
Little Rock.....	1
Chancroid:	
Little Rock.....	1
Gonorrhea:	
Keo.....	1
Little Rock.....	16
North Little Rock.....	1
Malaria:	
Keo.....	1
Little Rock.....	16
North Little Rock.....	1
Pieron.....	1
Scotts.....	1
Measles:	
Little Rock.....	1
Pellagra:	
North Little Rock.....	1
Scotts.....	1
Pneumonia:	
Little Rock.....	2

## CAMP PIKE ZONE, ARK.—continued.

Scarlet fever:	Cases.
Little Rock.....	1
Smallpox:	
Keo.....	1
Syphilis:	
Little Rock.....	6
Scotts.....	1
Tuberculosis:	
Little Rock.....	4
North Little Rock.....	1
Scotts.....	1
Venereal warts:	
Little Rock.....	1
PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.	
Chancroid:	
Portsmouth.....	1
Gonorrhea:	
Norfolk.....	13
Malaria:	
Norfolk County.....	3
Portsmouth.....	1
Syphilis:	
Norfolk.....	9
Tuberculosis:	
Port Norfolk.....	1
Typhoid fever:	
Norfolk County.....	2
Ocean View.....	1
Portsmouth.....	7
PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.	
Chicken pox:	
Eliot.....	1
German measles:	
Eliot.....	1
Gonorrhea:	
Kittery.....	1
Portsmouth.....	3
Rye Beach.....	1
Measles:	
Portsmouth.....	1
Salem Depot.....	3
Mumps:	
Eliot.....	10
Scarlet fever:	
York.....	1
Syphilis:	
Portsmouth.....	1
CAMP SEVIER ZONE, S. C.	
Typhoid fever:	
Greenville Township.....	2
CAMP SHELBY ZONE, MISS.	
Forrest County:	
Malaria.....	1
Hattiesburg:	
Gonorrhea.....	4
Malaria.....	5
Mumps.....	3
Pneumonia.....	1
Syphilis.....	2
Tuberculosis.....	2
Typhoid fever.....	3
Near Hattiesburg:	
Diphtheria.....	1

## CAMP SHERIDAN ZONE, ALA.

Montgomery:	Cases.
Diphtheria.....	4
Diphtheria carriers.....	3
Scarlet fever.....	1
Syphilis.....	1
Tuberculosis, pulmonary.....	1
Typhoid fever.....	3
Montgomery County:	
Gonorrhea.....	3
Syphilis.....	1
Typhoid fever.....	2
United States Government Clinic:	
Chancroid.....	5
Gonorrhea.....	11
Syphilis.....	7

## CAMP SHERMAN ZONE, OHIO.

Chillicothe:	
Diphtheria.....	1
Whooping cough.....	1
Union Township:	
Typhoid fever.....	1
United States Government Clinic:	
Gonorrhea.....	25
Syphilis.....	3

## CAMP ZACHARY TAYLOR ZONE, KY.

Chancroid:	
United States Government Clinic.....	2
Diphtheria:	
Jefferson County.....	1
Louisville.....	4
Gonorrhea:	
Louisville.....	2
New Albany, Ind.....	1
United States Government Clinic.....	12
Malaria:	
Louisville.....	2
Pneumonia, lobar:	
Louisville.....	1
Syphilis:	
Louisville.....	1
United States Government Clinic.....	6
Tuberculosis, pulmonary:	
Jefferson County.....	1
Louisville.....	6
Typhoid fever:	
Clark County, Ind.....	1
Jefferson County.....	4
Louisville.....	9
New Albany, Ind.....	2
Whooping cough:	
Jefferson County.....	3
Louisville.....	6

## TIDEWATER HEALTH DISTRICT, VA.

Hampton:	
Measles.....	3
Typhoid fever.....	1
Newport News:	
Gonorrhea.....	18
Malaria.....	1

## TIDEWATER HEALTH DISTRICT, VA.—continued.

Newport News—Continued.	Cases.
Syphilis.....	9
Tuberculosis, pulmonary.....	2
Typhoid fever.....	10
Whooping cough.....	9
Phoebus:	
Typhoid fever.....	1

## CAMP TRAVIS ZONE, TEX.

San Antonio:	
Gonorrhea.....	23
Syphilis.....	11
Tuberculosis.....	3
Typhoid fever.....	6

## CAMP UPTON ZONE, N. Y.

Mumps:	
Riverhead.....	1

## VANCOUVER ZONE, WASH.

Chicken pox.....	1
Diphtheria.....	1
Measles.....	1
Scarlet fever.....	1
Tuberculosis.....	2
Typhoid fever.....	2

## CAMP WADSWORTH ZONE, S. C.

Pacolet:	
Gonorrhea.....	1
Roebuck:	
Diphtheria.....	1
Gonorrhea.....	1
Spartanburg:	
Diphtheria.....	27
Diphtheria, carriers.....	2
Gonorrhea.....	6
Mumps.....	1
Whooping cough.....	3

## CAMP WHEELER ZONE, GA.

Chancroid:	
United States Government clinic.....	3
Conjunctivitis:	
Bibb County.....	2
Gonorrhea:	
Macon.....	1
United States Government clinic.....	12
Malaria:	
Macon.....	1
Mumps:	
Macon.....	1
Scarlet fever:	
Macon.....	2
Syphilis:	
Macon.....	3
United States Government clinic.....	21
Tuberculosis:	
Macon.....	2
Typhoid fever:	
Bibb County.....	2
East Macon.....	1
Macon.....	6

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.<sup>1</sup>

The following data are taken from telegraphic reports received in the office of the Surgeon General, United States Army, for the week ended August 30, 1918:

Annual admission rate per 1,000 (disease only):		Noneffective rate per 1,000 on day of report—Continued.	
All troops.....	909.6	Cantonments.....	40.15
Divisional camps.....	1,123.48	Departmental and other troops.....	29.55
Cantonments.....	990.9	Annual death rate per 1,000 (disease only):	
Departmental and other troops.....	698.2	All troops.....	3.35
Noneffective rate per 1,000 on day of report:		Divisional camps.....	5.49
All troops.....	37.44	Cantonments.....	3.07
Divisional camps.....	46.14	Departmental and other troops.....	2.51

## Cases of special diseases reported during the week ended Aug. 30, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	Now infectious.						
Beauregard.....	4		5	96	2	10				1,808.4	84.18
Bowie.....	2	1	1	43	5				1	1,277.5	29.64
Cody.....	10			16		3			3	747.1	99.97
Freeman.....	30			72	20	4			10	602.7	37.92
Greene.....				80	3					920.5	37.99
Greenleaf.....	3		1	11		15			1	556.2	37.25
Hancock.....	2		6	151	20			2	1	1,416.0	38.75
Kearny.....				22	5					904.6	55.26
Logan.....	2		22	43	16					1,689.7	52.29
MacArthur.....	6	1		17	7	20				992.8	62.71
McClellan.....	8		2	64	1	24			1	1,162.7	47.22
Sevier.....	3		5	25	3	9				609.3	41.21
Shelby.....	17	3	11	72	9	75	1		5	1,476.5	52.00
Sheridan.....	2		1	208	19	18				1,824.3	48.56
Syracuse.....				130		1				1,333.6	67.91
Wadsworth.....	7			145		1			4	836.0	39.41
Wheeler.....	71			39	5		1		7	1,000.9	33.85
Custer.....	7			57	6	1			1	623.0	11.57
Devens.....	61			44	22	22	3	1	4	496.5	34.50
Dix.....	5	4	4	91		11				356.2	41.04
Dodge.....	8			208	3	38			1	1,361.8	74.14
Funston.....	8			59	2	56			1	1,740.7	32.18
Gordon.....	23		2	113	2	71	1		6	1,654.9	66.28
Grant.....	4		1	31		8		2	3	328.4	14.90
Humphreys.....	11	2	6	38	3	15			2	653.4	22.20
Jackson.....		3	7	809	3	16	1		2	1,747.2	45.86
J. E. Johnston.....	3		8	39	26	13		1	1	1,048.3	32.12
Las Casas.....	4			9	9	72				1,508.1	57.06
Lee.....	1			65		12			1	699.7	44.40
Lewis.....	23			104	4	5				575.4	43.50
Meade.....	9	1		446	4	12	2		3	919.9	20.59
Pike.....	17		20	56	1	54	1		9	823.4	49.35
Sherman.....	8			98		14			1	1,435.8	66.16
Taylor.....	7			92	5	43			3	819.9	33.05
Travis.....	9	2	2	121	5				5	1,445.2	46.46
Upton.....	1			163	12	6		1	3	731.0	41.55
Northeastern Department.....				25	5	4				613.9	22.01
Eastern Department.....	1		2	86	43	15			6	582.5	17.63
Southeastern Department.....	2	1	9	55	17	15				1,289.2	49.93
Central Department.....	1			62		2		2		901.1	22.36
Southern Department.....	1	4	6	94	34	2	1	2	12	657.5	30.96
Western Department.....				39	9				1	742.3	17.06
Aviation camps.....	5		10	137		18	1		11	783.6	29.23
Ports of embarkation:											
Hoboken.....	14	4	6	321	60	37	1			839.4	49.20
Newport News.....	23	4	21	95	9	12	1		1	733.3	56.97
Alcatraz.....				1						894.0	25.75
Leavenworth Disciplinary Barracks.....										728.9	27.07
Columbus Barracks.....	2			3						543.2	39.69

<sup>1</sup> Including Porto Rico.

*Cases of special diseases reported during the week ended Aug. 30, 1918—Continued.*

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Non-effective per 1,000 on day of report.
				Total.	New infections.						
Jefferson Barracks.....	.....	.....	2	60	1	3	.....	.....	1	1,816.7	115.49
Fort Logan.....	.....	.....	.....	1	.....	.....	.....	.....	.....	763.0	68.96
Fort McDowell.....	.....	.....	.....	10	4	.....	.....	.....	.....	1,042.3	73.49
Fort Slocum.....	.....	.....	1	11	.....	1	.....	.....	1	794.7	61.82
Fort Thomas.....	.....	.....	.....	3	.....	1	.....	.....	.....	656.3	41.57
West Point.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1,004.8	10.73
Arsenals.....	4	.....	1	9	5	5	1	.....	1	556.2	18.99
Miscellaneous small stations.....	.....	.....	1	1	.....	.....	.....	.....	.....	638.4	10.02
General hospitals.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....
Total.....	429	80	163	5,010	404	764	15	11	123	909.6	37.44

*Annual rate per 1,000 for special diseases.*

Disease.	All troops in United States. <sup>1</sup>	Departmental and other troops. <sup>1</sup>	Divisional camps. <sup>1</sup>	Cantonments. <sup>1</sup>	Expeditionary forces. <sup>1</sup>
Pneumonia.....	14.66	4.93	28.68	16.47	8.45
Dysentery.....	1.02	1.21	.85	.94	3.44
Malaria.....	5.57	5.49	9.27	3.94	1.22
Venereal.....	171.3	93.6	222.46	213.6	19.5
Paratyphoid.....	.....	.....	.....	.....	.12
Typhoid.....	.20	.28	.34	.08	1.26
Measles.....	26.12	10.71	30.92	36.97	11.58
Meningitis.....	.51	.46	.34	.63	1.14
Scarlet fever.....	.37	.37	.34	.39	1.30

<sup>1</sup> Week ended Aug. 30, 1918.<sup>2</sup> Week ended Aug. 22, 1918.**CURRENT STATE SUMMARIES.****Telegraphic Reports for Week Ended Sept. 7, 1918.**

*Alabama.*—By counties. Typhoid fever: Colbert 6, Cullman 11, Henry 1, Greene 3, Jefferson 42, Lauderdale 4, Mobile 4, Montgomery 8, Pickens 1, Randolph 3, Shelby 4, Tuscaloosa 1; total 88. Malaria: Colbert 5, Cullman 15, Henry 5, Greene 26, Jefferson 14, Lauderdale 1, Limestone 1, Tuscaloosa 9; total 76. For State. Smallpox 8, measles 8, scarlet fever 8, diphtheria 18, whooping cough 6, tuberculosis 29.

*California.*—Two cases epidemic cerebrospinal meningitis—1 Los Angeles city, 1 Santa Maria. One case poliomyelitis, Humboldt County. Thirteen cases typhoid fever recorded, 7 of which in Los Angeles city. Four cases smallpox, scattered throughout the State. Marked decrease in prevalence of measles, mumps, and scarlet fever.

*Connecticut.*—Cerebrospinal meningitis: Waterbury 1, Naugatuck 1. Poliomyelitis: Hartford 6, Bozrah 1. Paratyphoid: New Haven 2, Wallingford 2. Typhoid fever: Total for State 29.

*Illinois.*—Diphtheria: Seventy-one, of which in Chicago 55. Scarlet fever: Thirty-two, of which in Chicago 23. Smallpox: Six.

**Meningitis:** South Fork Township (Christian County) 1, Chicago 1. **Poliomyelitis:** Seventeen, 1 each Spring Valley, Glenview, De Kalb, Pleasant Valley Township (Jo Daviess County), Bourbonnais Township (Kankakee County), Marissa, Erin Township (Stephenson County), Yorkville, Litchfield, Exeter precinct (Scott County), Lancaster Township (Stephenson County); two each Evanston, Chicago, Aurora.

**Iowa.**—**Chancroid:** Sioux City 3. **Diphtheria:** Des Moines 2, Oelwein 1. **Gonorrhea:** Albia 4, Buckeye 1, Burlington 10, Des Moines 1, Fort Dodge 2, Hawarden 1, Lovilla 1, Marshalltown 1, Muscatine 4, Sioux City 29, Vinton 1. **Measles:** Des Moines 1. **Poliomyelitis:** Des Moines 1, Dubuque 1, Lansing 1, Lone Tree 1. **Scarlet fever:** Burlington 2, Cedar Rapids 2, Coulter 1, Des Moines 6, Lansing 1, Mason City 4, Monroe 1. **Smallpox:** Des Moines 3. **Syphilis:** Albia 2, Burlington 3, Fort Dodge 1, Oskaloosa 1, Sioux City 9. **Tuberculosis:** Des Moines 1. **Typhoid fever:** Des Moines 3. In rural districts of following counties. **Measles:** Audubon 2. **Poliomyelitis:** Clayton 1. **Scarlet fever:** Appanoose 1, Jasper 1, Polk 1, Wayne 1. **Smallpox:** Allamakee 3, O'Brien 1. **Whooping cough:** Ringgold 6.

**Kansas.**—**Poliomyelitis:** By cities—Newton 1, Marquette 1, Ozawie 1, Waterville 1. State totals: **Diphtheria** 31, **scarlet fever** 12, **smallpox** 19, **typhoid fever** 95.

Reported by mail for preceding week (ended Aug. 31):

Chancroid.....	1	Pellagra.....	2
Chicken pox.....	3	Pneumonia, acute lobar.....	4
Diphtheria.....	12	Poliomyelitis.....	3
Dysentery.....	1	Scarlet fever.....	7
Enterocolitis.....	3	Smallpox.....	21
Erysipelas.....	1	Syphilis.....	8
German measles.....	1	Tetanus.....	1
Gonorrhea.....	40	Trachoma.....	2
Measles.....	4	Tuberculosis.....	39
Mumps.....	18	Typhoid fever.....	97
Ophthalmia neonatorum.....	1	Whooping cough.....	57

**Louisiana.**—**Cerebrospinal meningitis** 1, **poliomyelitis** 1, **typhoid fever** 33, **diphtheria** 22, **smallpox** 4.

**Massachusetts.**—Unusual prevalence. **Diphtheria:** Lenox 3. **Typhoid fever:** Athol 4, Marlboro 10.

**Minnesota.**—**Smallpox** (new focus): Watonwan County, St. James City 1. Three cases **poliomyelitis** reported since September 2.

**Mississippi.**—No undue prevalence or outbreaks.

**Nebraska.**—Two cases **poliomyelitis**, Deuel County.

**New Jersey.**—Unusual prevalence. **Diphtheria:** In Egg Harbor City. **Typhoid fever:** In Northampton Township and Elizabeth.

**New York.**—Outside of New York City. **Diphtheria:** 67, of which in Buffalo 21. **Smallpox:** Cheektowaga 2, Lancaster 1.

Typhoid fever: 77, of which in Watertown 10. Poliomyelitis: 8, of which in St. Lawrence and Wayne Counties 2 each.

*North Carolina.*—Whooping cough 218, measles 17, diphtheria 74, scarlet fever 22, smallpox 9, chicken pox 1, typhoid fever 208.

*Ohio.*—Typhoid fever: Eleven cases New Philadelphia and vicinity. Scarlet fever: Epidemic, Belmont County. Poliomyelitis: Epidemic, Coshocton County.

*South Carolina.*—Epidemic diphtheria, Spartanburg, 60 cases.

*Vermont.*—Smallpox: One case Windsor.

### CEREBROSPINAL MENINGITIS.

Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.

	Cases.		Cases.
Fort Oglethorpe zone, Ga. and Tenn.....	1	Camp Pike zone, Ark.....	2

### State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Alabama:</b>		<b>Virginia:</b>	
Barbour County.....	1	Campbell County.....	1
Colbert County.....	3	Gloucester County.....	1
Jefferson County.....	2	Greensville County.....	1
Montgomery County.....	2	Halifax County.....	1
<b>Total.....</b>	<b>8</b>	Lee County.....	3
		Norfolk County.....	1
<b>Connecticut:</b>		Norfolk.....	1
Fairfield County.....		Rockbridge County.....	
Bridgeport.....	4	Buena Vista.....	1
Hartford County.....		<b>Total.....</b>	<b>9</b>
Hartford.....	2		
New Haven County.....			
New Haven.....	1		
Orange.....	1		
Waterbury.....	1		
<b>Total.....</b>	<b>9</b>		

### City Reports for Week Ended Aug. 24, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Akron, Ohio.....</b>	<b>2</b>	<b>.....</b>	<b>Greensboro, N. C.....</b>	<b>.....</b>	<b>1</b>
Albany, Ga.....	1	1	Kansas City, Mo.....	1	1
Baltimore, Md.....	5	1	Los Angeles, Cal.....	2	2
Boston, Mass.....	1	.....	Milwaukee, Wis.....	2	2
Bridgeport, Conn.....	2	.....	Newark, N. J.....	4	2
Charleston, S. C.....	1	1	New Haven, Conn.....	1	.....
Chattanooga, Tenn.....	.....	2	New Orleans, La.....	1	1
Chicago, Ill.....	1	.....	New York, N. Y.....	6	4
Cincinnati, Ohio.....	1	1	Norfolk, Va.....	1	.....
Cleveland, Ohio.....	2	1	Pittsburgh, Pa.....	1	.....
Dallas, Tex.....	.....	1	Pocatello, Idaho.....	1	1
Detroit, Mich.....	2	.....	Providence, R. I.....	1	.....
East Chicago, Ind.....	1	.....	Springfield, Mass.....	.....	1
Elmira, N. Y.....	1	.....	Steubenville, Ohio.....	1	.....
Flint, Mich.....	.....	1			



**CHANCROID.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	1	Camp Pike zone, Ark.....	1
Camp Bowie zone, Tex.....	10	Portsmouth and Norfolk County health district, Va.....	1
Camp Doniphan zone, Okla.....	1	Camp Sheridan zone, Ala.....	5
Camp Greene zone, N. C.....	2	Camp Zachary Taylor zone, Ky.....	2
Camp Joseph E. Johnston zone, Fla.....	8	Camp Wheeler zone, Ga.....	3
Camp Logan zone, Tex.....	2		
Camp McClellan zone, Ala.....	1		

**DENGUE.****Texas—Galveston.**

On September 4, 1918, report was made in relation to the occurrence of dengue at Galveston, Tex., where it was estimated that more than 100 recent cases of the disease had developed up to the date of the report.

**DIPHTHERIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	3	Fort Oglethorpe zone, Ga. and Tenn.....	3
Bremerton zone, Wash.....	1	Camp Shelby zone, Miss.....	1
Camp Dodge zone, Iowa.....	2	Camp Sheridan zone, Ala.....	4
Camp Funston zone, Kans.....	3	Camp Sherman zone, Ohio.....	1
Camp Gordon zone, Ga.....	1	Camp Zachary Taylor zone, Ky.....	5
Camp Greene zone, N. C.....	1	Vancouver zone, Wash.....	1
Camp Joseph E. Johnston zone, Fla.....	1	Camp Wadsworth zone, S. C.....	23

**Alabama—Town Creek.**

On September 6, 1918, an outbreak of diphtheria was reported at Town Creek, Ala., where 8 clinically typical cases, with 3 deaths, had occurred up to the date of the report. Seventeen other persons were under observation because of sore throats or of having been in contact with known cases of the disease.

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1563.

**DYSENTERY.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	2	Camp Joseph E. Johnston zone, Fla.....	1
Camp Gordon zone, Ga.....	1		

**ERYSIPELAS.****City Reports for Week Ended Aug. 24, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Mattoon, Ill.....	1	.....
Baltimore, Md.....	1	.....	Newark, N. J.....	1	.....
Buffalo, N. Y.....	1	.....	New York, N. Y.....	.....	3
Chicago, Ill.....	8	.....	Oakland, Cal.....	1	.....
Denver, Colo.....	1	.....	Philadelphia, Pa.....	1	1
Detroit, Mich.....	1	.....	Portland, Me.....	2	.....
Duluth, Minn.....	.....	1	St. Louis, Mo.....	3	.....
El Paso, Tex.....	1	.....	Tacoma, Wash.....	1	.....

**INFLUENZA.****Connecticut—New London and Vicinity.**

On September 12, 1918, a sudden outbreak of influenza was reported at New London, Conn., and vicinity, about 60 cases having been notified.

**Massachusetts—Boston and Vicinity.**

On September 12, 1918, a sudden outbreak of influenza was reported in Boston, Mass., and vicinity, where more than 1,400 cases of the disease have been notified since the beginning of the outbreak about August 28, 1918. Many of the cases are of severe type, and pneumonia has developed in about 10 per cent of the cases. About 25 or 30 deaths have resulted.

**MALARIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	10	Camp Pike zone, Ark.....	20
Camp Eberts zone, Ark.....	43	Portsmouth and Norfolk County health dis-	
Camp Gordon zone, Ga.....	1	trict, Va.....	4
Gulfsport health district, Miss.....	26	Camp Shelby zone, Miss.....	6
Camp Hancock zone, Ga.....	4	Camp Zachary Taylor zone, Ky.....	2
Camp Joseph E. Johnston zone, Fla.....	15	Tidewater health district, Va.....	1
Camp Lee zone, Va.....	1	Camp Wheeler zone, Ga.....	1

**State Reports for July, 1918.**

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Alabama—Continued.	
Autauga County.....	8	Pickens County.....	13
Bibb County.....	5	Pike County.....	1
Bullock County.....	1	Randolph County.....	1
Butler County.....	2	Russell County.....	1
Calhoun County.....	12	Shelby County.....	20
Chambers County.....	1	Talladega County.....	2
Choctaw County.....	4	Tuscaloosa County.....	23
Clarke County.....	3	Total.....	370
Colbert County.....	30	Virginia:	
Conecuh County.....	1	Accomac County.....	14
Covington County.....	3	Chincoteague.....	15
Dale County.....	1	Alexandria County.....	1
Dallas County.....	14	Clarendon.....	2
Escambia County.....	1	Alleghany County.....	2
Etowah County.....	1	Clifton Forge.....	1
Geneva County.....	4	Amelia County.....	5
Greene County.....	26	Bedford County.....	5
Hale County.....	1	Brunswick County.....	10
Houston County.....	100	Lawrenceville.....	1
Jackson County.....	6	Buckingham County.....	3
Jefferson County.....	32	Campbell County.....	2
Lauderdale County.....	17	Caroline County.....	10
Lawrence County.....	1	Charles City County.....	7
Lowndes County.....	1	Charlotte County.....	5
Madison County.....	12	Chesterfield County.....	6
Marengo County.....	5	Winterpock.....	4
Marshall County.....	1	Cumberland County.....	1
Monroe County.....	1	Dinwiddie County.....	11
Montgomery County.....	11		
Perry County.....	3		

## MALARIA—Continued.

## State Reports for July, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Virginia—Continued.		Virginia—Continued.	
Elizabeth City County—		New Kent County.....	1
Phoenix.....	2	Northampton County.....	39
Franklin County.....	1	Cape Charles.....	11
Gloucester County.....	10	Northumberland County.....	16
Greensville County.....	10	Patriek County.....	3
Emporia.....	16	Pittsylvania County.....	16
Halifax County.....	20	Chatham.....	3
South Boston.....	8	Powhatan County.....	14
Hanover County.....	17	Princess Anne County.....	49
Henrico County.....	24	Prince George County.....	8
Henry County—		City Point.....	2
Martinsville.....	1	Hopewell.....	6
Iale of Wight County.....	14	Prince William County.....	10
James City County.....	10	Rappahannock County.....	1
King and Queen County.....	5	Roanoke County.....	5
King William County—		Rockingham County.....	1
West Point.....	4	Shenandoah County.....	1
Lee County.....	1	Southampton County.....	18
Loudoun County.....	1	Franklin.....	6
Louisa County.....	4	Spotsylvania County.....	3
Lunenburg County.....	11	Stafford County.....	12
Mathews County.....	2	Surry County.....	23
Mecklenburg County.....	14	Sussex County.....	9
Clarksville.....	1	Westmoreland County.....	5
Middlesex County.....	4	Wise County.....	1
Montgomery County.....	3	Wythe County.....	1
Nansemond County.....	15	York County.....	6
Suffolk.....	10		
Nelson County.....	1	Total.....	590

## City Reports for Week Ended Aug. 24, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, Ga.....	2	-----	Montclair, N. J.....	1	-----
Alexandria, La.....	1	-----	Montgomery, Ala.....	1	-----
Birmingham, Ala.....	2	1	Newark, N. J.....	3	-----
Charleston, S. C.....	-----	1	New Orleans, La.....	1	1
Chattanooga, Tenn.....	1	-----	Palestine, Tex.....	9	-----
Dallas, Tex.....	1	-----	Richmond, Va.....	1	-----
Dedham, Mass.....	1	-----	Savannah, Ga.....	5	1
Hattiesburg, Miss.....	3	-----	Sedalia, Mo.....	1	-----
Little Rock, Ark.....	12	-----	Tuscaloosa, Ala.....	7	-----
Mobile, Ala.....	2	-----			

## MEASLES.

## Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.

	Cases.		Cases.
Camp Devens zone, Mass.....	2	Portsmouth-Kittery sanitary district, N. H.	
Camp Dodge zone, Iowa.....	1	and Me.....	4
Camp Logan zone, Tex.....	2	Tidewater health district, Va.....	3
Camp Pike zone, Ark.....	1	Vancouver zone, Wash.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1563.

## PELLAGRA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.

	Cases.		Cases.
Camp Eberts zone, Ark.....	2	Camp Pike zone, Ark.....	2
Camp Joseph E. Johnston zone, Fla.....	3		

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Virginia:	
Autauga County.....	1	Accomac County.....	1
Bibb County.....	2	Amherst County.....	1
Bullock County.....	1	Augusta County.....	1
Butler County.....	1	Brunswick County.....	1
Calhoun County.....	1	Campbell County.....	1
Chambers County.....	2	Charlotte County.....	1
Choctaw County.....	1	Culpeper County.....	1
Clarke County.....	1	Dinwiddie County.....	5
Clay County.....	1	Petersburg.....	1
Colbert County.....	3	Elizabeth City—	
Conecuh County.....	1	Phoenix.....	1
Dallas County.....	3	Fauquier County.....	2
Dekalb County.....	1	Greensville County.....	1
Escambia County.....	1	Emporia.....	7
Etowah County.....	5	Hallifax County.....	7
Hale County.....	2	South Boston.....	1
Houston County.....	2	Henrico County.....	1
Jackson County.....	8	Henry County—	
Jefferson County.....	35	Martinsville.....	2
Lauderdale County.....	1	Madison County.....	1
Lawrence County.....	1	Mecklenburg County.....	2
Lee County.....	2	Montgomery County.....	1
Limestone County.....	1	Nelson County.....	1
Madison County.....	20	Nottoway County—	
Marengo County.....	3	Blacksburg.....	1
Marion County.....	1	Pace County.....	1
Mobile County.....	15	Prince Edward County.....	1
Montgomery County.....	2	Prince George County.....	1
Morgan County.....	1	Hopewell.....	3
Perry County.....	1	Roanoke County—	
Pike County.....	1	Roanoke.....	2
Randolph County.....	1	Rockingham County—	
Sumter County.....	3	Harrisonburg.....	1
Tuscaloosa County.....	20	Smyth County.....	1
Walker County.....	3	Marion.....	3
Total.....	148	Spotsylvania County.....	1
		Fredericksburg.....	1
		Sussex County.....	2
		Wise County.....	4
		Total.....	55

## City Reports for Week Ended Aug. 24, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....		3	Little Rock, Ark.....	1	
Birmingham, Ala.....	2	2	Mobile, Ala.....		1
Charleston, S. C.....		2	Montgomery, Ala.....		1
Charlotte, N. C.....		4	Nashville, Tenn.....	1	1
Dallas, Tex.....	1	1	New Orleans, La.....	2	2
El Paso, Tex.....		1	Norfolk, Va.....		1
Fort Worth, Tex.....		1	Oklahoma City, Okla.....		1
Houston, Tex.....		1	Wilmington, N. C.....		1

**PNEUMONIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

	Cases.		Cases.
Camp Gordon zone, Ga.....	4	Camp Shelby zone, Miss.....	1
Camp Pike zone, Ark.....	2	Camp Zachary Taylor zone, Ky.....	1

**City Reports for Week Ended Aug. 24, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Athens, Ga.....	1	5	Lackawanna, N. Y.....	2	1
Baltimore, Md.....	3	2	Long Beach, Cal.....	1	1
Boston, Mass.....	1	2	Los Angeles, Cal.....	7	3
Brockton, Mass.....	1	1	Louisville, Ky.....	1	2
Brookline, Mass.....	1	.....	Manchester, N. H.....	1	1
Cambridge, Mass.....	1	1	Newark, N. J.....	5	1
Chicago, Ill.....	33	19	Peabody, Mass.....	1	.....
Cleveland, Ohio.....	6	4	Philadelphia, Pa.....	20	12
Corsicana, Tex.....	1	1	Pontiac, Mich.....	1	.....
Dedham, Mass.....	1	.....	St. Cloud, Minn.....	2	.....
Detroit, Mich.....	3	8	San Diego, Cal.....	4	1
Duluth, Minn.....	1	2	Schenectady, N. Y.....	1	.....
Fort Worth, Tex.....	1	1	Taunton, Mass.....	1	.....
Grand Rapids, Mich.....	1	.....	Worcester, Mass.....	2	.....
Hartford, Conn.....	1	2	Yonkers, N. Y.....	1	1
Holland, Mich.....	1	1			

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for July, 1918.**

Place.	New cases reported.	Place.	New cases reported.
Connecticut:		Virginia—Continued.	
New Haven County—		Louisa County.....	1
Waterbury.....	1	Mecklenburg County.....	1
Virginia:		Norfolk County—	
Alleghany County—		Norfolk.....	1
Clifton Forge.....	1	Northampton County—	
Amelia County.....	1	Cape Charles.....	3
Franklin County.....	1	Orange County.....	2
Lee County.....	1	Total.....	12

**City Reports for Week Ended Aug. 24, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Altoona, Pa.....	2	.....	Newark, N. J.....	1	.....
Baltimore, Md.....	2	1	New Bedford, Mass.....	2	.....
Birmingham, Ala.....	1	.....	New Britain, Conn.....	2	.....
Cambridge, Mass.....	1	.....	New York, N. Y.....	11	3
Chicago, Ill.....	5	1	Northampton, Mass.....	1	.....
Cleveland, Ohio.....	2	.....	Omaha, Nebr.....	1	.....
Clinton, Iowa.....	1	.....	Piqua, Ohio.....	1	.....
Columbus, Ohio.....	1	.....	Pittsburgh, Pa.....	1	.....
Dubuque, Iowa.....	2	.....	Providence, R. I.....	2	.....
Evanston, Ill.....	2	.....	Rockford, Ill.....	1	.....
Hartford, Conn.....	2	.....	St. Louis, Mo.....	2	.....
Kansas City, Kans.....	1	.....	San Bernardino, Cal.....	.....	1
Kenosha, Wis.....	1	.....	Salt Lake City, Utah.....	1	.....
Los Angeles, Cal.....	1	.....	Youngstown, Ohio.....	1	.....
Madison, Wis.....	1	.....			

**RABIES IN ANIMALS.****City Reports for Week Ended Aug. 24, 1918.**

During the week ended August 24, 1918, rabies in animals was reported at the following-named cities: Fort Worth, Tex., one case; Rochester, N. Y., four cases; St. Paul, Minn., one case.

**RABIES IN MAN.****City Report for Week Ended Aug. 24, 1918.**

During the week ended August 24, 1918, two deaths from rabies were reported at Toledo, Ohio.

**SCARLET FEVER.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.	Cases.
Bremerton zone, Wash. .... 1	Camp Pike zone, Ark. .... 1
Camp Dodge zone, Iowa. .... 6	Portsmouth-Kittery sanitary district, N. H. .... 1
Camp Greene zone, N. C. .... 1	and Me. .... 1
Camp Joseph E. Johnston zone, Fla. .... 1	Camp Sheridan zone, Ala. .... 1
Camp Lee zone, Va. .... 2	Vanover zone, Wash. .... 1
Fort Oglethorpe zone, Ga. and Tenn. .... 8	Camp Wheeler zone, Ga. .... 2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1563.

**SMALLPOX.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.	Cases.
Camp Dodge zone, Iowa. .... 3	Camp Logan zone, Tex. .... 2
Camp Gordon zone, Ga. .... 1	Camp Pike zone, Ark. .... 1

**State Reports for July, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Alabama:</b>			<b>Connecticut—Continued.</b>		
Barbour County. .... 5			New London County—		
Calhoun County. .... 6			New London. .... 1		
Chambers County. .... 1			Total. .... 32		
Clarke County. .... 2					
Colbert County. .... 2			<b>Montana:</b>		
Conecuh County. .... 1			Beaverhead County. .... 6		
Etowah County. .... 1			Broadwater County. .... 12		
Franklin County. .... 1			Cascade County—		
Jackson County. .... 7			Cascade. .... 2		
Jefferson County. .... 17			Great Falls. .... 6		
Lauderdale County. .... 21			Deer Lodge County. .... 1		
Marshall County. .... 3			Anaconda. .... 4		
Mobile County. .... 5			Chouteau County. .... 1		
Monroe County. .... 1			Fergus County. .... 2		
Montgomery County. .... 3			Flathead County. .... 10		
Perry County. .... 1			Kalispell. .... 1		
Pike County. .... 1			Hill County. .... 2		
Randolph County. .... 1			Missoula County—		
Shelby County. .... 1			Missoula. .... 1		
Sumter County. .... 1			Rosebud County. .... 2		
Talladega County. .... 4			Sheridan County. .... 1		
Total. .... 55			Silver Bow County—		
<b>Connecticut:</b>			Butte. .... 1		
Hartford County—			Teton County. .... 2		
Bloomfield. .... 7			Yellowstone County—		
Glastonbury. .... 1			Billings. .... 1		
Hartford. .... 21			Total. .... 55		
South Windsor. .... 1					
West Hartford. .... 1					

**SMALLPOX—Continued.****State Reports for July, 1918—Continued.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Virginia:</b>			<b>Virginia—Continued.</b>		
Bath County.....	2	.....	Rappahannock County.....	12	.....
Warm Springs.....	1	.....	Roanoke County—		
Buckingham County.....	7	.....	Roanoke.....	1	.....
Culpeper County.....	1	.....	Smyth County.....	2	.....
Loudoun County.....	15	.....	Surry County.....	1	.....
Leesburg.....	4	.....	Tazewell County.....	1	.....
Lunenburg County.....	5	.....	Washington County.....	2	.....
Norfolk County—			Wise County.....	2	.....
Norfolk.....	1	.....	Wise.....	8	.....
Nottoway County.....	1	.....			
Pulaski County.....	7	.....	Total.....	73	.....

**City Reports for Week Ended Aug. 24, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.....	5	.....	Minneapolis, Minn.....	1	.....
Akron, Ohio.....	5	.....	Montgomery, Ala.....	1	.....
Albany, Ga.....	5	.....	Kalamazoo, Mich.....	1	.....
Atlanta, Ga.....	2	.....	Norfolk, Va.....	1	.....
Billings, Mont.....	1	.....	Omaha, Nebr.....	2	.....
Canton, Ill.....	2	.....	Peoria, Ill.....	2	.....
Chicago, Ill.....	3	.....	Pittsburgh, Pa.....	3	.....
Cleveland, Ohio.....	3	.....	Pontiac, Mich.....	1	.....
Covington, Ky.....	1	.....	Saginaw, Mich.....	1	.....
Denver, Colo.....	9	.....	St. Joseph, Mo.....	2	.....
Detroit, Mich.....	3	.....	St. Louis, Mo.....	2	.....
Evansville, Ind.....	1	.....	St. Paul, Minn.....	1	.....
Houston, Tex.....	1	.....	Salt Lake City, Utah.....	5	.....
Iola, Kans.....	1	.....	Spokane, Wash.....	1	.....
Kansas City, Mo.....	2	.....	Steubenville, Ohio.....	1	.....
Louisville, Ky.....	1	.....	Superior, Wis.....	1	.....
Marionette, Wis.....	3	.....	Wichita, Kans.....	2	.....
Marion, Ind.....	4	.....	Youngstown, Ohio.....	2	.....
Milwaukee, Wis.....	4	.....			

**SYPHILIS.****Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.**

Cases.	Cases.
Camp Bowie zone, Tex.....	35
Camp Gordon zone, Ga.....	20
Camp Greene zone, N. C.....	19
Gulfport health district, Miss.....	2
Camp Hancock zone, Ga.....	6
Camp Joseph E. Johnston zone, Fla.....	59
Camp Lee zone, Va.....	9
Camp Logan zone, Tex.....	11
Camp McClellan zone, Ala.....	2
Fort Oglethorpe zone, Ga. and Tenn.....	10
Camp Pike zone, Ark.....	7
Portsmouth and Norfolk County health district, Va.....	9
Portsmouth-Kittery sanitary district, N. H. and Me.....	1
Camp Shelby zone, Miss.....	2
Camp Sheridan zone, Ala.....	9
Camp Sherman zone, Ohio.....	3
Camp Zachary Taylor zone, Ky.....	7
Tidewater health district, Va.....	9
Camp Travis zone, Tex.....	11
Camp Wheeler zone, Ga.....	24

**TETANUS.****City Reports for Week Ended Aug. 24, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Fort Worth, Tex.....		1	Philadelphia, Pa.....	1	.....
Kansas City, Mo.....	1	.....	Plymouth, Mass.....		1
Los Angeles, Cal.....	1	.....	St. Joseph, Mo.....		1
Mobile, Ala.....		1	St. Louis, Mo.....	1	.....
New York, N. Y.....		2	Toledo, Ohio.....		1

## TUBERCULOSIS.

## Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.....	2	Fort Oglethorpe zone, Ga. and Tenn.....	1
Camp Dix zone, N. J.....	5	Camp Pike zone, Ark.....	6
Camp Dodge zone, Iowa.....	1	Portsmouth and Norfolk County health dis-	
Camp Funston zone, Kans.....	1	trict, Va.....	1
Camp Greene zone, N. C.....	2	Camp Shelby zone, Miss.....	2
Gulfport health district, Miss.....	2	Camp Sheridan zone, Ala.....	1
Camp Hancock zone, Ga.....	6	Camp Zachary Taylor zone, Ky.....	7
Camp Joseph E. Johnston zone, Fla.....	10	Tidewater health district, Va.....	2
Camp Lee zone, Va.....	2	Camp Travis zone, Tex.....	3
Camp Logan zone, Tex.....	4	Vancouver zone, Wash.....	2
New London sanitary district, Conn.....	2	Camp Wheeler zone, Ga.....	2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1563.

## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Sept. 7, 1918.

	Cases.		Cases.
Camp Beauregard zone, La.....	4	Camp McClellan zone, Ala.....	3
Camp Bowie zone, Tex.....	2	New London sanitary district, Conn.....	8
Camp Dodge zone, Iowa.....	3	Fort Oglethorpe zone, Ga. and Tenn.....	3
Camp Doniphan zone, Okla.....	1	Portsmouth and Norfolk County health dis-	
Camp Eberts zone, Ark.....	1	trict, Va.....	10
Camp Gordon zone, Ga.....	3	Camp Sevier zone, S. C.....	2
Camp Greene zone, N. C.....	12	Camp Shelby zone, Miss.....	3
Gulfport health district, Miss.....	4	Camp Sheridan zone, Ala.....	5
Camp Hancock zone, Ga.....	4	Camp Sherman zone, Ohio.....	1
Camp Jackson zone, S. C.....	1	Camp Zachary Taylor zone, Ky.....	16
Camp Joseph E. Johnston zone, Fla.....	4	Tidewater health district, Va.....	12
Camp Lee zone, Va.....	1	Camp Travis zone, Tex.....	6
Camp Logan zone, Tex.....	1	Vancouver zone, Wash.....	2
Camp MacArthur zone, Tex.....	2	Camp Wheeler zone, Ga.....	9

## State Reports for July, 1918.

Place.	New cases reported.	Place.	New cases reported.
Alabama:		Alabama—Continued.	
Autauga County.....	4	Jefferson County.....	171
Baldwin County.....	3	Lamar County.....	2
Barbour County.....	4	Lauderdale County.....	8
Bibb County.....	5	Lawrence County.....	4
Bullock County.....	1	Lee County.....	5
Butler County.....	5	Limestone County.....	3
Calhoun County.....	27	Lowndes County.....	2
Chambers County.....	4	Madison County.....	18
Chilton County.....	3	Marengo County.....	3
Choctaw County.....	1	Marion County.....	4
Clay County.....	1	Marshall County.....	4
Coffee County.....	1	Mobile County.....	31
Colbert County.....	17	Monroe County.....	7
Coosa County.....	1	Montgomery County.....	30
Crenshaw County.....	1	Morgan County.....	7
Cullman County.....	4	Pickens County.....	3
Dallas County.....	5	Pike County.....	2
Dekalb County.....	2	Randolph County.....	10
Elmore County.....	1	Shelby County.....	9
Escambia County.....	6	St. Clair County.....	7
Etowah County.....	4	Sumter County.....	5
Fayette County.....	3	Talladega County.....	2
Franklin County.....	1	Tallapoosa County.....	3
Geneva County.....	1	Tuscaloosa County.....	40
Greene County.....	1	Walker County.....	8
Hale County.....	4	Wilcox County.....	4
Henry County.....	1		
Houston County.....	3		
Jackson County.....	11	Total.....	517



**TYPHOID FEVER—Continued.**  
**State Reports for July, 1918—Continued.**

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut:</b>		<b>Virginia—Continued.</b>	
<b>Fairfield County—</b>		<b>Fauquier County.....</b>	<b>4</b>
Bridgeport.....	2	Warrenton.....	1
Greenwich.....	2	Floyd County.....	4
Newark.....	1	Franklin County.....	4
Sharon.....	1	Frederick County.....	1
<b>Hartford County—</b>		Giles County.....	
Hartford.....	5	Narrows.....	1
Manchester.....	2	Goochland County.....	1
New Britain.....	1	Grayson County.....	1
Southington.....	1	Galax.....	1
Windsor Locks.....	1	Green County.....	1
<b>Litchfield County—</b>		Greensville County.....	3
Litchfield.....	1	Halifax County.....	7
New Milford.....	2	South Boston.....	1
<b>New Haven County—</b>		Hanover County.....	5
Ansonia.....	1	Henrico County.....	4
Derby.....	2	Henry County.....	2
Meriden.....	2	Martinsville.....	3
New Haven.....	7	Isle of Wight County.....	2
Seymour.....	1	James City County.....	2
Waterbury.....	3	Lancaster County.....	1
<b>New London County—</b>		Lee County.....	2
Groton.....	2	Loudoun County.....	1
Preston.....	1	Louisa County.....	2
<b>Total.....</b>	<b>36</b>	Lunenburg County.....	3
		Madison County.....	4
<b>Montana:</b>		Mathews County.....	2
Blaine County.....	2	Meeklenburg County.....	7
Cascade County.....	1	Chase City.....	1
Cibola County.....	1	Montgomery County.....	1
Custer County.....	1	Radford.....	2
Fergus County.....	1	Nansom County.....	5
Flathead County.....	1	Suffolk.....	1
Hill County.....	1	Nelson County.....	3
Park County.....	1	New Kent County.....	1
Rosebud County.....	3	Norfolk County—	
Silver Bow County.....	1	Norfolk.....	12
Butte.....	1	Northampton County.....	1
Valley County.....	6	Cape Charles.....	1
Yellowstone County—		Nottoway County.....	1
Billings.....	4	Blackstone.....	1
<b>Total.....</b>	<b>24</b>	Crewe.....	1
		Orange County.....	3
<b>Virginia:</b>		Patrick County.....	2
Accomac County.....	7	Pittsylvania County.....	2
Onancock.....	2	Chatham.....	1
Albemarle County.....	9	Princess Anne County.....	3
Alexandria County.....	3	Prince George County.....	2
Alleghany County.....	1	Pulaski County.....	4
Clifton Forge.....	1	Rappahannock County.....	2
Lowmoor.....	2	Roanoke County.....	3
Amherst County.....	3	Salem.....	1
Appomattox County.....	6	Vinton.....	2
Augusta County.....	3	Rockingham County.....	11
Basic City.....	1	Harrisonburg.....	1
Staunton.....	2	Russell County.....	5
Bath County.....	1	Scott County.....	6
Bedford County.....	5	Shenandoah County.....	1
Bedford.....	7	Smyth County—	
Bland County.....	1	Marion.....	2
Botetourt County.....	1	Southampton County.....	13
Fincastle.....	1	Franklin.....	2
Troutville.....	2	Spotsylvania County.....	2
Brunswick County.....	1	Fredericksburg.....	1
Buchanan County.....	3	Stafford County.....	1
Buckingham County.....	1	Surry County.....	1
Campbell County.....	4	Charmont.....	1
Caroline County.....	4	Dendron.....	1
Carroll County.....	4	Sussex County.....	7
Charlotte County.....	4	Tazewell.....	3
Chesterfield County.....	1	Warren County.....	2
Craig County.....	1	Washington County.....	8
Culpeper County.....	1	Abingdon.....	1
Dickinson County.....	2	Meadow View.....	2
Dinwiddie County.....	5	Westmoreland County.....	1
Elizabeth City County.....	2	Wise County.....	7
Hampton.....	4	Wythe County.....	1
Phoebe.....	1	York County.....	1
		<b>Total.....</b>	<b>305</b>

## TYPHOID FEVER—Continued.

City Reports for Week Ended Aug. 24, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.	1		Lima, Ohio.	2	
Akron, Ohio.	2		Lincoln, Nebr.	1	
Albany, Ga.	1		Little Rock, Ark.	1	1
Alexandria, La.	1		Long Branch, N. J.	1	
Allentown, Pa.	5		Los Angeles, Cal.	2	1
Alton, Ill.	3		Louisville, Ky.	12	
Altoona, Pa.	3		Marion, Ind.	1	1
Asbury Park, N. J.	1		Marlboro, Mass.	1	
Atlanta, Ga.	5	1	Marquette, Mich.	2	
Atlantic City, N. J.	2	1	Michigan City, Ind.	9	
Bakersfield, Cal.	1		Minneapolis, Minn.	3	
Baltimore, Md.	11	6	Mobile, Ala.	4	2
Beloit, Wis.	1		Moline, Ill.	4	1
Berkeley, Cal.	1	1	Montgomery, Ala.	4	2
Bethlehem, Pa.	1		Moundsville, W. Va.	1	
Birmingham, Ala.	28	1	Nashville, Tenn.	23	3
Bluefield, W. Va.	2		Newark, N. J.	7	
Boston, Mass.	1		New Bedford, Mass.	5	
Bridgeport, Conn.	5		New Castle, Pa.	1	
Bristol, Conn.	1		New Haven, Conn.	5	1
Brockton, Mass.	1		New Orleans, La.	10	3
Buffalo, N. Y.	3		Newton, Mass.	1	
Butler, Pa.	2		New York, N. Y.	74	9
Cambridge, Mass.	1		Norfolk, Va.	6	1
Camden, N. J.	1		Norristown, Pa.	1	
Canton, Ohio.	5	2	North Braddock, Pa.	1	
Charleston, S. C.	4	3	Norwalk, Conn.	1	2
Charleston, W. Va.	4		Oakland, Cal.	4	
Charlotte, N. C.	1	3	Oklahoma City, Okla.		2
Chester, Pa.	1		Olean, N. Y.		1
Chicago, Ill.	9	1	Omaha, Nebr.	1	
Chillicothe, Ohio.		1	Perth Amboy, N. J.	2	
Cincinnati, Ohio.	9		Philadelphia, Pa.	12	1
Cleveland, Ohio.	7	1	Pittsburgh, Pa.	4	
Coatesville, Pa.	4		Port Chester, N. Y.	1	
Coffeyville, Kans.	1	1	Portland, Me.	1	
Colorado Springs, Colo.	2	1	Portland, Oreg.		1
Columbus, Ohio.	3		Portsmouth, N. H.	1	
Concord, N. H.	2		Pottsville, Pa.	1	
Connellsville, Pa.	1		Poughkeepsie, N. Y.	1	
Corpus Christi, Tex.	3		Reading, Pa.	2	
Corsicana, Tex.	2		Richmond, Va.	3	1
Cortland, N. Y.	1		Roanoke, Va.	2	
Dallas, Tex.		2	Rock Island, Ill.	4	
Danville, Ill.	1	1	Rome, N. Y.	1	
Davenport, Iowa.	1		Sacramento, Cal.	3	1
Denver, Colo.	5		St. Joseph, Mo.	2	
Detroit, Mich.	10	2	St. Louis, Mo.	15	2
Durham, N. C.	7	2	Salem, Mass.	1	1
Easton, Pa.	2		Salt Lake City, Utah.	1	1
Elmira, N. Y.	2	1	Saratoga Springs, N. Y.		1
Erie, Pa.	2		Savannah, Ga.	2	
Evansville, Ind.	2		Schenectady, N. Y.		1
Everett, Mass.	1		Seattle, Wash.	1	
Fairmont, W. Va.	4		Sedalia, Mo.	1	
Fall River, Mass.	13		Southbridge, Mass.	2	
Fargo, N. Dak.	1		Spokane, Wash.	3	
Flint, Mich.	1		Springfield, Mo.	3	
Fort Scott, Kans.		1	Springfield, Ohio.	2	
Fort Worth, Tex.	1		Syracuse, N. Y.	2	
Gardner, Mass.	1		Toledo, Ohio.	5	1
Grand Rapids, Mich.	2		Topeka, Kans.	1	
Greensboro, N. C.	2	1	Troy, N. Y.	1	1
Harrisburg, Pa.	3		Vancouver, Wash.	1	
Harrison, N. J.	1		Waco, Tex.		1
Hartford, Conn.	3		Walla Walla, Wash.	2	
Hattiesburg, Miss.	1		Waltham, Mass.		1
Haverhill, Mass.	1		Washington, D. C.	11	2
Hoboken, N. J.	2	1	West Chester, Pa.	7	
Houston, Tex.	2	1	Westfield, Mass.	1	
Indianapolis, Ind.	2	1	Wheeling, W. Va.	4	1
Iola, Kans.	5		Wichita, Kans.	4	
Jacksonville, Ill.	15		Wilkes-Barre, Pa.	1	
Kalamazoo, Mich.	1		Wilmington, Del.	3	1
Kansas City, Kans.	6		Winchester, Mass.	1	
Kansas City, Mo.	12		Winston-Salem, N. C.	6	
Knoxville, Tenn.	2		Worcester, Mass.	2	1
Lawrence, Mass.	2		Youngstown, Ohio.	7	1
Lexington, Ky.	15				

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

## State Reports for July, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diph- theria.	Measles.	Scarlet fever.		Diph- theria.	Measles.	Scarlet fever.
Alabama.....	60	41	17	Montana.....	38	46	55
Connecticut.....	159	364	59	Virginia.....	42	391	15

## City Reports for Week Ended Aug. 24, 1918.

City.	Popula- tion as of July 1, 1918 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
Over 500,000 inhabitants:											
Baltimore, Md.	589,621		3	1					52	25	
Boston, Mass.	756,476	193	23	3	17		13		52	34	
Chicago, Ill.	2,487,722	574	52	8	16		8	1	350	76	
Cleveland, Ohio.	674,073	158	1	1	2	1	4		24	23	
Detroit, Mich.	571,784	146	30	5	5		16	2	26	19	
Los Angeles, Cal.	503,812	125	5		3		5		33	18	
New York, N. Y.	5,662,841	1,063	78	10	35	1	21	2	216	145	
Philadelphia, Pa.	1,769,518	398	28	2	16	3	4		87	50	
Pittsburgh, Pa.	579,090		12		13		3		29		
St. Louis, Mo.	757,309	171	18				5		39	12	
From 300,000 to 500,000 inhab- itants:											
Buffalo, N. Y.	468,558	137	30	2	17	2	9		35	12	
Cincinnati, Ohio.	410,476	95	5		1		1		21	13	
Jersey City, N. J.	306,345		7		7		1		31		
Milwaukee, Wis.	439,535		11	3	9		7	1	16	14	
Minneapolis, Minn.	363,454	56	17		5		5		16	3	
Newark, N. J.	498,894	87	12	1	3		1		39	4	
New Orleans, La.	371,747	109	25	1					51	17	
Seattle, Wash.	348,639								2		
Washington, D. C.	363,980	88			11		2	1	22	12	
From 200,000 to 300,000 inhab- itants:											
Columbus, Ohio.	214,873	62	3				1		5	4	
Denver, Colo.	260,700	63	5				3			10	
Indianapolis, Ind.	271,708	62	13		4		2		22	7	
Kansas City, Mo.	297,847	63	3		1				1	8	
Louisville, Ky.	238,910	71	3		1				10	3	
Portland, Oreg.	295,465	43	2		2		4		9	4	
Providence, R. I.	254,960	66	6		2	2	4			5	
Rochester, N. Y.	256,417	55	2	1			4		4	3	
St. Paul, Minn.	247,232	31	19	2	1		4		7	2	
From 100,000 to 200,000 inhab- itants:											
Atlanta, Ga.	190,558	43					8		1	2	
Birmingham, Ala.	181,762	50	6	1			5		3	5	
Bridgeport, Conn.	122,579	24	8						3	3	
Cambridge, Mass.	112,981	36	2						6	6	
Camden, N. J.	106,233		1				1		6		
Dallas, Tex.	124,527	24	1				1		5	5	
Fall River, Mass.	128,366	34	1		9				5	1	
Fort Worth, Tex.	104,582	25	1						6	2	
Grand Rapids, Mich.	128,291	32	2		1		1		3	4	
Hartford, Conn.	110,900		2		7				5	1	
Houston, Tex.	112,307	26	2						5	2	
Lawrence, Mass.	100,560	20				2			2	3	
Lowell, Mass.	113,245		3		7		1		2	6	
Lynn, Mass.	102,425	25				1					
Nashville, Tenn.	117,057	46		1	1		3		6	2	
New Bedford, Mass.	118,158	47							6	6	
New Haven, Conn.	149,685	33	6		7	1			8	3	
Oakland, Cal.	198,604	43	2				2		13	4	
Omaha, Nebr.	165,470	45	10	2			1		1	4	
Reading, Pa.	109,381		5		1						
Richmond, Va.	156,687	46	5		1		2		4	5	
Salt Lake City, Utah.	117,399	26	6	1	1		3				

**City Reports for Week Ended Aug. 24, 1918—Continued.**

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 100,000 to 200,000 inhabitants—Continued.										
Scranton, Pa.	146,811		6		2		2			
Springfield, Mass.	105,942	31	2	1	1				2	2
Syracuse, N. Y.	155,624	47					4		3	2
Tacoma, Wash.	112,770		5		3		5			
Toledo, Ohio.	191,554	68	2				4		21	8
Trenton, N. J.	111,593	35	4		5		5		6	5
Worcester, Mass.	163,314	54	5		3		3		3	2
Yonestown, Ohio.	108,385	40	1		2	1	1		3	
From 50,000 to 100,000 inhabitants:										
Akron, Ohio.	85,625	40	3		2		2		11	
Allentown, Pa.	63,505		2		25					
Altoona, Pa.	58,659		9		1				1	
Atlantic City, N. J.	57,660	13			5				2	
Bayonne, N. J.	69,893		2				1		6	
Berkeley, Cal.	57,653	10	1				3			
Binghamton, N. Y.	53,973	14	1		1		6			
Brockton, Mass.	67,449	13	2	1			1		6	2
Canton, Ohio.	60,852	9	3		3		1		1	
Charleston, S. C.	60,734	26							1	3
Chattanooga, Tenn.	60,075	6	2	1			3		1	1
Covington, Ky.	57,144	13	3				3		1	4
Duluth, Minn.	94,495	17			3		5		6	
El Paso, Tex.	63,705	40								8
Evansville, Ind.	76,078	12	1		1				4	1
Flint, Mich.	54,772	16	5				1			
Fort Wayne, Ind.	76,183	19	2							1
Hoboken, N. J.	77,214	21	1						10	2
Holyoke, Mass.	65,286	10	1							
Johnstown, Pa.	68,529				3		2		5	
Kansas City, Kans.	99,437		1						1	
Lancaster, Pa.	50,853		1		1				2	
Little Rock, Ark.	57,343	13							2	2
Malden, Mass.	51,155	7							1	1
Manchester, N. H.	78,283	22								
Mobile, Ala.	58,221	19	1						2	
New Britain, Conn.	53,794	5	2		1					
Norfolk, Va.	89,612									2
Oklahoma City, Okla.	92,943	19							2	2
Passaic, N. J.	71,744	19	5		3		1		4	3
Peoria, Ill.	71,458	13	7							
Portland, Me.	63,867	19	1							2
Rockford, Ill.	55,185	25		1						2
Sacramento, Cal.	66,895	19	3							4
Saginaw, Mich.	55,642	19	3	1						
St. Joseph, Mo.	85,236	30								5
San Diego, Cal.	53,330	22			4				5	2
Savannah, Ga.	68,805									5
Schenectady, N. Y.	99,519	19	4	1	2				3	
Somerville, Mass.	87,039	13	3						2	
South Bend, Ind.	68,946	11	1						3	2
Springfield, Ill.	61,120	14							2	1
Springfield, Ohio.	51,550	19	1						1	2
Troy, N. Y.	77,916	18							1	4
Wichita, Kans.	70,722								5	2
Wilkes-Barre, Pa.	76,776		1						4	
Wilmington, Del.	94,265	33	2							
Yonkers, N. Y.	99,538	28	1	1	1				9	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	5	2	1	1		1			
Battle Creek, Mich.	29,480		2				1			
Bellingham, Wash.	32,985				1					
Boise, Idaho.	33,846	2					1			
Brookline, Mass.	32,730	12								1
Burlington, Iowa.	25,030	3					1			
Charleston, W. Va.	29,941	12	2	1						
Charlotte, N. C.	39,823	26					6			2
Chelsea, Mass.	46,192	11	2							
Chester, Pa.	41,396								3	1

# DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 24, 1918—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabitants—Continued.										
Cohoes, N. Y.	25,211	5								1
Colorado Springs, Colo.	32,971	12							21	
Council Bluffs, Iowa	31,484	3					1			
Cumberland, Md.	26,074	3	1		1					
Danville, Ill.	32,261	17							2	1
Dayenport, Iowa.	48,811									
Dubuque, Iowa	39,873		1							
Durham, N. C.	25,061	11	1						2	2
East Chicago, Ind.	28,743	7							1	
Easton, Pa.	30,530								1	
East Orange, N. J.	42,458	3							1	
Elgin, Ill.	28,208	3					1			
Elmira, N. Y.	38,120	2			5		2		4	
Evanston, Ill.	28,591	6								1
Everett, Mass.	39,253	6	2				1		2	
Everett, Wash.	35,468				1					
Galveston, Tex.	41,883	9	1							
Hammond, Ind.	26,171	12								1
Haverhill, Mass.	48,477	8	1		3				1	1
Hazleton, Pa.	28,491						1			
Jackson, Mich.	35,363	14	2						2	3
Jamestown, N. Y.	36,580	10	1		4				4	
Kalamazoo, Mich.	48,886	16					1		1	
Kenosha, Wis.	31,576	11	1		2		1		1	
Knoxville, Tenn.	39,676		2				5		2	2
Lexington, Ky.	41,097	25	1							2
Lima, Ohio	35,394	7	1	1	1		4			2
Lincoln, Nebr.	46,515	8								
Long Beach, Cal.	27,587	14								
Lynchburg, Va.	32,940	2								1
Madison, Wis.	30,699	6								1
McKeesport, Pa.	47,521		1		1				4	
Medford, Mass.	26,234	6			2		1		1	
Moline, Ill.	27,451	9					1		2	1
Montclair, N. J.	26,318									
Montgomery, Ala.	43,285	15	2				1		2	
Muncie, Ind.	25,424	7	3						2	
Newburgh, N. Y.	29,603	9								
Newport, R. I.	30,108	6					1			
Newton, Mass.	43,715	9								
Niagara Falls, N. Y.	37,353	11			1	1			2	1
Norristown, Pa.	31,401				1				4	1
Norwalk, Conn.	26,899									
Oak Park, Ill.	26,654	6	1		2					1
Orange, N. J.	33,080	8	1						4	2
Pasadena, Cal.	46,450	9			1				3	
Perth Amboy, N. J.	41,185	5								
Pittsfield, Mass.	38,629	8					2		2	
Poughkeepsie, N. Y.	30,390	5							1	1
Quincy, Ill.	36,798	8								
Quincy, Mass.	38,136	15			1				1	1
Racine, Wis.	46,486	10							4	1
Roanoke, Va.	43,284	16								2
Rock Island, Ill.	28,926	8								
Salem, Mass.	48,562		2							
San Jose, Cal.	38,902						1			
Sheboygan, Wis.	28,559	4			1		1			
Shenandoah, Pa.	29,201						1			
Springfield, Mo.	40,341	10								
Steubenville, Ohio	27,445	12							1	
Stockton, Cal.	35,358	13	1						2	1
Superior, Wis.	46,226	6					2			
Taunton, Mass.	36,293	10	2						4	
Topeka, Kans.	48,726	7			1				3	
Waco, Tex.	33,385	16							1	
Waterloo, Iowa	35,559	6								
West Hoboken, N. J.	43,139	3	1						2	
Wheeling, W. Va.	43,377	17	1				1			
Wilmington, N. C.	29,892	18								1
Winston-Salem, N. C.	31,155	13							1	2
Zanesville, Ohio	30,863	7								

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 24, 1913—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabitants:										
Adams, Mass.	14,214	5							1	1
Albany, Ga.	10,604	2	1	1			1			
Alexandria, La.	15,333	6								
Alton, Ill.	22,874	8	1							
Anniston, Ala.	14,112						1			
Ansonia, Conn.	16,704	5								
Appleton, Wis.	17,834	7							3	3
Arlington, Mass.	12,810	5	3							
Asbury Park, N. J.	14,007	5								
Attleboro, Mass.	19,283	2								
Bakersfield, Cal.	16,874	11								1
Batavia, N. Y.	13,350	3					4			
Beatrice, Nebr.	10,287	4								
Beloit, Wis.	18,072	5	2							1
Benton Harbor, Mich.	10,833	1			1					
Bethlehem, Pa.	14,142		2		5				1	
Beverly, Mass.	21,645	1			5					
Billings, Mont.	14,422	6							11	1
Bloomfield, N. J.	18,468								1	
Brazil, Ind.	10,315	1			6					1
Bristol, Conn.	15,927	2								
Bristol, R. I.	9,609	6								
Burlington, Vt.	21,617	8								
Cairo, Ill.	15,794	5								
Canton, Ill.	13,262		1							
Chillicothe, Ohio	15,470	5	1							
Clinton, Mass.	13,075	5			4				1	1
Columbia, Pa.	11,454		1							
Concord, N. H.	22,669	7								
Corpus Christi, Tex.	10,432	3								
Corsicana, Tex.	10,022	3	5						2	
Cortland, N. Y.	13,069	6					1			
Elyria, Ohio.	18,618	4			1				1	
Fairmont, W. Va.	15,506								1	
Fargo, N. Dak.	17,389	4			3					1
Findlay, Ohio.	14,858	3	1							
Fond du Lac, Wis.	21,113	4								
Fort Dodge, Iowa.	20,648						1			
Fostoria, Ohio.	10,770	1					1			
Galesburg, Ill.	24,267	6								
Gardner, Mass.	17,140		1		2					
Geneva, N. Y.	13,711	1			3		1			
Greenfield, Mass.	11,998	3					2			
Greensboro, N. C.	19,577	3					2			
Greenville, S. C.	13,181	2								
Hackensack, N. J.	16,945	3	1		2					
Harrison, N. J.	16,950				1					
Hattiesburg, Miss.	16,482								2	
Holland, Mich.	13,185	3								1
Hoquiam, Wash.	11,666		1							
Hornell, N. Y.	14,685	2								
Independence, Kans.	14,506	3								
Independence, Mo.	17,672	6								
Jacksonville, Ill.	15,481	14								1
Kearney, N. J.	23,539	7	1						3	
Kokomo, Ind.	20,930	8								
Lackawanna, N. Y.	15,987	9			2				7	
La Fayette, Ind.	21,288	8								1
Leavenworth, Kans.	19,363	5								
Long Branch, N. J.	15,395	5								
Ludington, Mich.	10,367	8								
Mahanoy City, Pa.	17,463								1	
Manchester, Conn.	15,551	2								
Manitowoc, Wis.	13,806	2	1							
Marinette, Wis.	14,610	2			1		1			1
Marion, Ind.	19,834	6								
Marlboro, Mass.	15,187	3								
Marquette, Mich.	12,409	3	1							

<sup>1</sup> Population Apr. 15, 1910; no estimate made.

# DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS— Continued.

City Reports for Week Ended Aug. 24, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabit- ants—Continued.										
Mason City, Iowa.....	14,457	4								
Mattoon, Ill.....	12,582	3					1			
Melrose, Mass.....	17,445	3	1						1	
Methuen, Mass.....	13,921									1
Michigan City, Ind.....	21,813	4							1	
Middletown, N. Y.....	15,810								1	
Monessen, Pa.....	21,630		10							
Morgantown, W. Va.....	13,709	2								
Morristown, N. J.....	13,284	2								
Moundsville, W. Va.....	11,153	2								
Mount Carmel, Pa.....	20,268		2						1	
Natick, Mass.....	10,102						3			
Newburyport, Mass.....	15,243	4					1			
New London, Conn.....	20,985	6	1							
North Adams, Mass.....	22,019	5								1
Northampton, Mass.....	19,926	12							2	2
North Braddock, Pa.....	15,148						2			
North Tonawanda, N. Y.....	13,768	4			1				1	
North Yakima, Wash.....	20,951								1	
Norwood, Ohio.....	22,286	4							3	
Olean, N. Y.....	16,624	5								
Parkersburg, W. Va.....	20,612	6								
Peabody, Mass.....	18,360	3							1	
Piqua, Ohio.....	14,153	5	1		1		1		2	
Plainfield, N. J.....	23,905	7	3	1						2
Plymouth, Mass.....	13,743	2								1
Pontiac, Mich.....	17,524	7	1							1
Port Chester, N. Y.....	16,188	3	1							
Portsmouth, N. H.....	11,666				1					
Rahway, N. J.....	10,219	4								
Raleigh, N. C.....	20,127	4								
Riverside, Cal.....	19,763	4								
Rocky Mount, N. C.....	12,067	4								
Rutland, Vt.....	14,831	3								
St. Cloud, Minn.....	11,617	4								
San Angelo, Tex.....	10,321	3								1
San Bernardino, Cal.....	16,945	4			1				1	4
Sandusky, Ohio.....	20,193	5					1		1	2
Sanford, Me.....	10,916	3								
Santa Barbara, Cal.....	14,846	3								
Santa Cruz, Cal.....	14,594	2								
Saratoga Springs, N. Y.....	13,821	10							2	
Sault Ste. Marie, Mich.....	13,919	5		1						
Sedalia, Mo.....	19,449	2					1		1	
Shamokin, Pa.....	21,129		5							
Southbridge, Mass.....	14,205	1								1
Streator, Ill.....	14,304	7								1
Tuscaloosa, Ala.....	10,488	4							4	
Vancouver, Wash.....	13,180				1					
Warren, Pa.....	14,737						1			
Watertown, Mass.....	14,867	2							1	
Wausau, Wis.....	19,239	7					1			
Westfield, Mass.....	18,891	7					1			
West New York, N. J.....	18,773								3	1
Wilkesburg, Pa.....	23,228		1		1					
Winchester, Mass.....	10,403	1								
Winona, Minn.....	13,683	2					1			
Woburn, Mass.....	15,969	1								

<sup>1</sup> Population Apr. 15, 1910; no estimate made.

# FOREIGN.

## PLAGUE ON VESSEL.

Steamship "Moora"—Dundee, Scotland.

The steamship *Moora* from Calcutta arrived, August 31, 1918, at Dundee, Scotland, with three cases of plague on board. Of these, one was pneumonic in form.

## RHODESIA.

Plague—Northern Rhodesia.

Plague was reported present in Northern Rhodesia August 30, 1918.

## CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Sept. 13, 1918.<sup>1</sup>

### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Calcutta.....	June 2-15.....	.....	91	
Madras.....	May 26-June 1....	3	2	
Java:				
West Java.....				June 21-27, 1918: Cases, 31; deaths, 17.
Batavia.....	June 21-27.....	10	3	
Cheribon.....	do.....	9	7	
Philippine Islands:				
Provinces.....				July 14-20, 1918: Cases, 60; deaths, 37.
Bohol.....	July 14-20.....	16	7	
Misamis.....	do.....	36	24	
Sorsogon.....	do.....	12	1	
Surigao.....	do.....	5	5	
Provinces.....				July 21-27, 1918: Cases, 63; deaths, 42.
Bohol.....	July 21-27.....	26	14	
Cebu.....	do.....	36	27	
Oriental Negros.....	do.....	1	1	

### PLAGUE.

Egypt.....				Jan. 1-July 4, 1918: Cases, 236; deaths, 118.
Port Said.....	July 4.....	1	1	
Provinces—				
Assiout.....	July 27-29.....	2	1	
Fayoum.....	June 27.....	2		
Gizah.....	June 30.....	1		
Minieh.....	June 27-July 4....	17	4	1 pneumonic.
India.....				May 26-June 8, 1918: Cases, 6,681; deaths, 5,828.
Calcutta.....	June 2-15.....	.....	24	
Madras Presidency.....	May 19-June 15....	51	30	
Rhodesia.....				Aug. 30, 1918: Present in Northern Rhodesia.
On vessel:				
S. S. Moora.....	Aug. 31.....	3	2	At Dundee, Scotland, from Calcutta. One of cases pneumonic.

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources.



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received During Week Ended Sept. 13, 1918—Continued.**

## **SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Canada: Nova Scotia— Halifax.....	Aug. 18-24.....	4		
China: Amoy.....	June 17-30.....			Present. Do. Do.
Chungking.....	July 14-20.....			
Nanking.....	July 21-27.....			
France: Paris.....	June 30-July 20...	9	2	
India: Calcutta.....	June 2-15.....		47	
Madras.....	May 19-June 15...	25	14	
Japan: Taihoku.....	July 2-15.....	3	1	Island of Formosa.
Java: West Java.....				June 21-27, 1918: Cases, 20; deaths, 22.
Batavia.....	June 21-27.....	19	20	
Newfoundland: Bay Roberts.....	Aug. 23-30.....	7		
East Wabana.....	do.....	1		
Philippine Islands: Manila.....	July 14-27.....	35	25	Varioloid, week ended July 20: Cases, 12.
Russia: Archangel (government)...	June 1-30.....	60		

## **TYPHUS FEVER.**

Japan: Nagasaki.....	July 29-Aug. 4....	3		
Union of South Africa: Cape of Good Hope State...				July 8, 1918: Present in interior towns, Port Elizabeth district.

**Reports Received from June 29 to Sept. 6, 1918.**

## **CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary: Hungary.....				July 26, 1918: Present.
India: Bombay.....	Mar. 17-Apr. 13...	2	1	
Calcutta.....	Apr. 14-May 18...		279	
Madras.....	Mar. 24-May 11...	4	2	
Rangoon.....	Mar. 30-May 18...	25	19	
Indo-China: Cambodia.....	Jan. 1-Feb. 28...	125	83	Jan. 1-Feb. 28, 1918: Cases, 190; deaths, 126.
Cochin-China.....	do.....	54	43	May 20-June 16, 1918: Cases, 66; deaths, 53.
Cholon.....	May 20-June 16...	4		
Saigon.....	Apr. 20-May 26...	64	4	
Tonkin.....	Jan. 1-31.....	1	43	
Java: East Java— Surabaya.....	June 6-12.....	13	3	Present July 24. Apr. 19-June 12, 1918: Cases, 817; deaths, 618.
Mid-Java.....				Present. Feb. 22-June 20, 1918: Cases, 1,401; deaths, 852.
Samarang.....	July 24.....			
West Java: Batavia.....	Feb. 22-June 20...	221	100	
Cheribon.....	June 7-13.....	137	104	

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received from June 29 to Sept. 6, 1918—Continued.****CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Persia:				
Provinces—				
Kars Province—				
Kazaroun.....	.....	.....	.....	December, 1917: 3 or 4 deaths reported daily.
Mahour-Milati.....	.....	.....	.....	Present in December, 1917, with about 300 fatal cases reported.
Khorasan.....	.....	.....	.....	Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 58. In 7 localities.
Seistan.....	.....	.....	.....	Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.
Philippine Islands:				
Provinces.....				Apr. 28-June 29, 1918: Cases, 677; deaths, 428.
Bohol.....	Apr. 28-June 29.....	65	53	
Capiz.....	Apr. 28-May 4.....	1	1	
Cebu.....	May 5-June 22.....	35	19	
Leyte.....	Apr. 28-June 29.....	108	59	
Misamis.....	Apr. 28-June 22.....	294	163	
Oriental Negros.....	June 3-29.....	42	23	
Sorsogon.....	June 2-29.....	40	21	
Surigao.....	Apr. 28-June 22.....	92	89	
Provinces.....				June 30-July 13, 1918: Cases, 199; deaths, 93.
Bohol.....	July 7-13.....	95	48	
Cebu.....	June 30-July 13.....	42	19	
Leyte.....	do.....	2	2	
Misamis.....	do.....	38	11	
Oriental Negros.....	do.....	20	11	
Surigao.....	do.....	2	2	
Russia:				
Petrograd.....	July 7.....	.....	.....	Present.
Sweden:				
Stockholm.....	July 15.....	5	1	From S. S. Angermanland from Petrograd, Russia.
Switzerland.....	.....	.....	.....	July 26, 1918: Present.
On vessel:				
S. S. Angermanland.....	July 14.....	8	1	At Stockholm; from Petrograd.

**PLAGUE.**

Arabia:				
Aden.....	May 22-28.....	.....	1	
Argentina:				
Buenos Aires.....	Apr. 20-May 22.....	16	2	
Tucuman.....	.....	.....	.....	In March, 1918; 3 cases in an institution.
Brazil:				
Bahia.....	June 16-22.....	1	1	
Ceylon:				
Colombo.....	Mar. 23-May 11.....	13	13	
China:				
Hongkong.....	Apr. 14-June 29.....	124	94	
Do.....	June 30-July 20.....	81	62	
Ecuador:				
Duran.....	Apr. 1-30.....	2	.....	
Guayaquil.....	May 1-June 15.....	28	10	
Do.....	July 1-31.....	1	.....	Feb. 1-28, 1918: Cases, 22; deaths, 8.
Egypt.....				Jan. 1-June 20, 1918: Cases, 203; deaths, 110.
Port Said.....	May 19-21.....	2	1	1 pneumonic.
Provinces—				
Beni-Souef.....	Apr. 26-30.....	2	1	
Payoum.....	Apr. 21-June 17.....	8	4	
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10.....	33	14	5 septicemic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
London, Port.....	Aug. 17.....	5	.....	On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From s. s. Semali at Gravesend from Bombay.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Sept. 6, 1918—Continued.**

## **PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
India.....				Mar. 31-May 11, 1918: Cases, 113,795; deaths, 61,178.
Bassein.....	Mar. 25-Apr. 27.....		90	
Bombay.....	Mar. 24-Apr. 20.....	378	298	
Calcutta.....	Apr. 14-May 18.....		60	
Honnada.....	Mar. 24-Apr. 13.....		20	
Madras Presidency.....	Mar. 24-May 11.....	442	332	
Mandalay.....	Mar. 17-Apr. 20.....		52	
Moulmein.....	Mar. 24-Apr. 27.....		127	
Myingyan.....	Mar. 17-Apr. 14.....		10	
Pegu.....	Apr. 14-20.....		2	
Prome.....	Mar. 24-Apr. 27.....		23	
Rangoon.....	Mar. 30-May 18.....	384	371	
Toungoo.....	Mar. 24-Apr. 27.....		59	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 275; deaths, 200.
Anam.....	Jan. 1-Feb. 28.....	58	38	
Cambodia.....	do.....	128	120	
Cochin-China.....	do.....	85	40	May 20-June 8, 1918: Cases, 60; deaths, 30.
Cholon.....	May 20-June 8.....	12	6	
Saigon.....	Apr. 29-June 8.....	83	36	
Laos.....	Feb. 1-28.....	4	2	
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residences—				
Djocjakarta.....	Jan. 15-Apr. 8.....	3	3	
Kediri.....	do.....	13	10	
Madloen.....	do.....	30	30	
Samarang.....	do.....	82	81	
Surabaya.....	do.....	60	60	June 11-24, 1918: Cases, 21; deaths, 21.
Surakarta.....	do.....	12	12	
Peru.....				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to Departments, see Public Health Reports, July 26, 1918, p. 1261.
Departments—				
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31.....	7		
Lambayeque.....	do.....	8		
Libertad.....	Apr. 1-May 31.....	40		
Lima.....	do.....	6		
Piura.....	do.....	9		
Siam:				
Bangkok.....	May 10-June 20.....	82	62	
Straits Settlements:				
Penang.....	June 2-8.....	1	1	
Singapore.....	Apr. 2-June 22.....	61	53	
On vessel:				
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.

## **SMALLPOX.**

Algeria:			
Algiers.....	May 1-June 30.....	121	34
Brazil:			
Bahia.....	May 5-June 22.....	2	
Rio de Janeiro.....	May 5-June 29.....	30	4
Do.....	June 30-July 20.....	38	8
Santos.....	Apr. 22-28.....		1
British East Africa:			
Mombasa.....	Jan. 1-Mar. 31.....		3
Canada:			
British Columbia—			
Victoria.....	June 23-29.....	4	
Do.....	July 7-Aug. 3.....	2	
Manitoba—			
Winnipeg.....	June 9-22.....	5	
Do.....	July 7-20.....	4	
New Brunswick—			
Moncton.....	June 16-22.....	2	
Do.....	July 7-13.....	4	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Sept. 6, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Canada—Continued.</b>				
Newfoundland—				
St. Johns.....	June 22-28.....	1		
Nova Scotia—				
Halifax.....	do.....	10		
Do.....	June 30-Aug. 17.....	65		
Sydney.....	do.....	3		
Ontario.....				July 1-31, 1918: Cases, 38.
Windsor.....	July 21-27.....	1		
Prince Edward Island—				
Summerside.....	July 9-15.....	1		
Quebec—				
Montreal.....	July 7-13.....	1		
Ceylon:				
Colombo.....	Mar. 22-May 18.....	8	2	
China:				
Amoy.....	Apr. 1-June 29.....			Present.
Do.....	June 30-July 6.....			Do.
Antung.....	May 20-June 9.....	6	1	
Chungking.....	May 12-June 29.....			Do.
Dairen.....	May 7-July 1.....	51	10	
Do.....	July 2-15.....	8	1	
Hailar Station.....	Feb. 12-18.....	2		Chinese Eastern Rwy.
Harbin.....	Mar. 20-June 3.....	4		Do.
Manchuria Station.....	Feb. 19-June 9.....	5		Do.
Hongkong.....	Apr. 6-June 8.....	19	2	
Nanking.....	June 16-22.....			Present.
Do.....	June 30-July 13.....			Do.
Shanghai.....	Apr. 21-June 2.....	3		
Tientsin.....	May 19-June 15.....	10		
Tsingtau.....	May 6-June 30.....	28	1	
Do.....	July 1-7.....	2		
Colombia:				
Barranquilla.....	July 14-20.....		1	
Cartagena.....	May 21-July 1.....		2	
Do.....	July 8-15.....		1	
Denmark:				
Copenhagen.....	June 16-22.....	13		
Ecuador:				
Guayaquil.....	Apr. 1-30.....	2		
Egypt:				
Alexandria.....	May 7-13.....	1		
France:				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 29.....	14	3	
Rouen.....	May 12-June 15.....	6		Including varioloid.
Germany.....				Mar. 24-June 1, 1918: Cases, 29.
Great Britain:				
Liverpool.....	June 9-15.....	1		From vessel.
Greece:				
Kalamata.....	June 26.....			Present.
India:				
Bombay.....	Mar. 24-Apr. 6.....	731	356	
Calcutta.....	Apr. 14-May 18.....		167	
Karachi.....	Apr. 6-20.....	29	21	
Madras.....	Mar. 21-May 18.....	52	13	
Rangoon.....	Mar. 31-May 18.....	78	35	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 1,375; deaths, 291.
Anam.....	Jan. 1-Feb. 28.....	566	93	
Cambodia.....	do.....	43	9	
Cochin-China.....	do.....	650	216	May 20-June 16, 1918: Cases, 67; deaths, 24.
Cholon.....	May 20-June 16.....	1		
Kwang Chow-Wan.....	Feb. 1-23.....	2	1	
Laos.....	Jan. 1-Feb. 28.....	8	1	
Tonkin.....	do.....	106	1	
Italy:				
Genoa.....	June 14-30.....	19	5	
Do.....	July 2-15.....	19	5	
Mezzojuso.....	May 29.....			Many cases. Province of Palermo, Sicily.
Milan.....				In April, 1918: Cases, 2. May 1-
Palermo.....	May 30-June 5.....	1		31, 1918: Cases, 54.
Turin.....	Apr. 15-June 9.....	16	1	
Japan:				
Nagasaki.....	May 2-June 30.....	14	2	
Do.....	July 3-21.....	1		
Taihoku.....	May 21-July 1.....	18	9	Island of Formosa.
Tokyo.....	May 5-June 23.....	17		Feb. 14-Mar. 13, 1918: Cases, 15.

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Sept. 6, 1918—Continued.**

## **SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....				Feb. 12-Apr. 22, 1918: Cases, 26; deaths, 4.
Surabaya.....	Feb. 26-June 24...	10	3	
Mid-Java.....				Feb. 14-June 12, 1918: Cases, 106; deaths, 3.
West Java.....				Feb. 22-June 20, 1918: Cases, 363; deaths, 126.
Batavia.....	Feb. 2-June 13....	89	30	
Mesopotamia:				
Bagdad.....	Mar. 6-May 10....	21	7	
Mexico:				
Aguascalientes.....	June 10-16.....		1	
Guadalajara.....	June 1-30.....	3		
Mazatlan.....	June 5-25.....		2	
Do.....	July 3-Aug. 6.....		3	
Mexico City.....	May 19-June 22....	78		
Do.....	June 30-Aug. 10....	22		
Philippine Islands:				
Manila.....	Apr. 28-June 29....	884	616	Varioloid: Cases, 178; 1 death.
Do.....	June 30-July 6....	29	27	Varioloid: Cases, 3; deaths, 1.
Portugal:				
Lisbon.....	Feb. 24-June 29....	97		
Do.....	June 30-July 27....	40		
Russia:				
Lithuania.....	Mar. 3-May 4.....	88	3	
Siam:				
Bangkok.....	May 11-June 29....	9	3	
Siberia:				
Vladivostok.....	May 1-June 15....	31	5	
Spain:				
Coruna.....	Apr. 28-June 30....	1	1	
Malaga.....	Dec. 1-31.....		29	
Do.....	Jan. 1-31.....		16	
Seville.....	Apr. 1-May 31.....		2	
Straits Settlements:				
Penang.....	May 5-11.....	2		
Sweden:				
Stockholm.....	June 9-15.....	10		
Tunisia:				
Tunis.....	July 20-26.....		1	
Union of South Africa:				
Johannesburg.....	Feb. 1-Apr. 30....	37		
On vessel.....				1 case. At Liverpool, England.

## **TYPHUS FEVER.**

Argentina:				
Rosario.....	Apr. 1-May 31....		2	
Austria-Hungary:				
Hungary.....				Feb. 25-Apr. 28, 1918: Cases, 299; deaths, 9.
Budapest.....	Feb. 25-Apr. 28....	51	1	
Brazil:				
Rio de Janeiro.....	May 26-June 8....	2		
Do.....	July 7-13.....	1		
China:				
Antung.....	May 20-June 9....	4		
Do.....	July 8-21.....	1	1	
Changsha.....	May 11-17.....	2	1	
Harbin.....	Jan. 1-June 16....	37		On Chinese Eastern Ry.
Manchuria Station.....	Jan. 15-June 30....	41		Do.
Pogranitchnaya.....	May 20-June 16....	4		
Shanghai.....	May 5-11.....		1	
Egypt:				
Alexandria.....	May 7-July 1.....	1,352	323	
Germany.....				Apr. 14-May 11, 1918: Cases, 54; deaths, 4. In addition, 101 cases among prisoners of war, of which 99 in Königsberg and 1 in Oppeln, and 3 cases among the repatriated from Volhynia, Russia.
Great Britain:				
Belfast.....	May 26-June 1....	1		
Edinburgh.....	June 9-15.....		1	
Glasgow.....	May 19-June 1....	13	4	

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 29 to Sept. 6, 1918—Continued.**

## **TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens.....	Apr. 14-May 13....	.....	5	
Janina.....	Aug. 29.....	15	.....	And in vicinity.
Saloniki.....	Apr. 28-June 29....	.....	36	
Do.....	June 30-July 13....	9	.....	
Italy:				
Corato.....	May 6-June 2.....	4	.....	Province of Bari.
Monetta.....	May 6-June 9.....	25	.....	Do.
Naples.....	Apr. 20-May 5.....	1	.....	
Japan:				
Nagasaki.....	May 27-June 23....	1	1	
Do.....	July 3-21.....	1	1	
Tokyo.....	June 24-July 7....	1	.....	
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29;
Surabaya.....	Feb. 12-Apr. 8....	22	6	deaths, 8.
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32;
Samarang.....	Feb. 21-May 22....	10	2	deaths, 4.
West Java.....				Feb. 23-June 6, 1918: Cases, 89;
Batavia.....	Feb. 23-June 6....	61	15	deaths, 18.
Mesopotamia:				
Bagdad.....	Mar. 29-May 10....	84	.....	
Mexico:				
Aguascalientes.....	July 8-14.....	.....	1	
Chihuahua, State—Parral..	July 10.....	.....	.....	Epidemic; reported present from
Guadalajara.....	June 1-30.....	5	2	about June 15, 1918.
Mexico City.....	May 19-June 22....	186	.....	
Do.....	June 30-Aug. 10....	242	.....	
Portugal:				
Lisbon.....	Feb. 24-May 25....	5	.....	
Siberia:				
Vladivostok.....	May 1-June 15....	16	2	
Russia:				
Lithuania.....				Mar. 3-Apr. 14, 1918: Cases, 2,514;
				deaths, 100.
Poland.....				Mar. 10-May 18, 1918: Cases,
Lodz.....	Mar. 10-Apr. 28....	470	79	6,379; deaths, 570.
Warsaw.....	do.....	3,428	376	
Spain:				
Almeria.....	Apr. 1-30.....	1	.....	
Tunisia:				
Tunis.....	May 18-June 28....	11	3	
Do.....	June 29-July 26....	5	2	
Union of South Africa:				
Cape of Good Hope, State..				Sept. 10, 1914-Apr. 21, 1918: Cases
				4,587 (European, 34); deaths,
				939 (European, 25). June 2-15,
				1918: Present in interior towns
				among natives.
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases,
				50; deaths, 11.

## **YELLOW FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	Apr. 27-June 29....	27	8	
Do.....	June 30-July 6....	4	2	
Ecuador:				
Guayaquil.....	Apr. 1-June 30....	74	30	
Do.....	July 1-31.....	26	9	And vicinity. Feb. 16-23, 1918:
Naranjal.....	Apr. 1-June 30....	2	1	Cases, 2.